

A COMPLEAT

E P H E M E R I S

For the Year of Christ, 1684.

Containing all the Heliocentrical and Geocentrical Places and Aspects of the Planets, Lunations, Eclipses and Quarterly Ingresses, most Exactly Calculated.

WITH

Astrological Observations thereon.

referred to the Zenith of the Famous City
OF LONDON, but generally useful to
ENGLAND, SCOTLAND, IRELAND, &c.

The Only Exact *Ephemeris* Extant for this Year

To which is Added,

the true Nightly Rising and Setting of the
Moon, also the true time of her coming to South.

several Tables of Perpetual and Singular Use :

AND LASTLY,

The Exact time of High-Water at *London-Bridge*.

THOMAS STREETE, the Author of *Astronomia Carolina*, & Teacher of the *Mathematicks*.

LONDON

Printed by J. Gain, for the Company of Stationers, 1684.

A Table for the Moon's South- ing, and High-Water at London-Bridge.

		D. Sou. Ho. Mi.	H. W. Ho. Mi.
At Change, or Full.		0. 0	3. 0
Days after.	1	0. 49	3. 45
	2	1. 38	4. 23
	3	2. 26	4. 54
	4	3. 15	5. 24
	5	4. 04	5. 55
	6	4. 53	6. 30
	7	5. 41	7. 12
At the Quarters.		6. 0	7. 30
Days after.	1	6. 49	8. 23
	2	7. 38	9. 23
	3	8. 26	10. 28
	4	9. 15	11. 36
	5	10. 4	0. 43
	6	10. 53	1. 45
	7	11. 41	2. 40

This Table is for ready use with any Alma-
nack for ever, and much more exact than the vul-
gar Tables accomodated to the Moon's Age;
the High-Water being here adjusted to
Something.

But

But in the first Page of our *Ephemeris*, you have the exact Hour and Minute when the Moon will be due South; by which and her Shadow in a Sun-Dial, the time of the Night may be truly known. Also in a Table near the latter end hereof, is the true time of High-Water at *London-Bridge*.

In the said first page, are all the Lunar Aspects placed in due order in the last Column. Those afore a Full-point, are Afore Noon; those after a Full-point, After Noon.

In the second Page, the true place of the Sun is in Degrees and Hundred parts, but the rest in Degrees and Tenth parts: either of which parts, who that pleaseth, may very easily convert into Sexagenary minutes, by help of this little Table.

Parts of a Degree.	Decimal.	Centesimal.
	Min.	M. D.
1	6	0. 6
2	12	1. 2
3	18	1. 8
4	24	2. 4
5	30	3. 0
6	36	3. 6
7	42	4. 2
8	48	4. 8
9	54	5. 4

As on the sixth of *January* this Year, the true place of ☉ being γ 26 39. for the 30 Cent. or 3 tenth parts in the first Column, I have here 18 Minutes in the second, and also for the other 9 Cent in the first, I have 5 Minutes, and 4 tenth parts, in the third Column: So the Sum of 18 Min. and 5 Min. 4 tenth parts, is 23 Min. 4 tenth parts, and the place of ☉ 1684. *Jan.* 6 is γ 26 23. min. 4.

Again, on the said sixth day of *Jan.* the place of ☽ being γ 23. 7. for the 7 tenths, I have here in the second Column 42 min. So the place of ☽ is then in γ . 23. 42. min. And this may well suffice in this place.

**A Table of the Nightly Rising and Setting
of the Moon, for the first six Months of this
Year, 1684.**

D.	Janua. Rise H. M.	Februa. Rise H. M.	March Rise H. M.	April Rise H. M.	May Rise H. M.	June Rise H. M.
1	1 M. 59	4 M. 31	4 M. 17	4 M. 33	3 M. 41	3 M. 3
2	3 17	5 27	4 57	4 53	3 58	3 31
3	4 30	6 11	5 30	5 11	4 17	3 Sets
4	5 41	6 50	5 55	5 Sets	5 Sets	9 A. 37
5	6 44	7 Sets.	7 Sets	7 A. 34	8 A. 49	10 25
6	7 Sets.	8 A. 11	8 A. 18	8 40	9 53	11 3
7	5 A. 7	7 17	7 23	9 47	10 52	11 34
8	6 13	8 22	8 29	10 52	11 44	12 7
9	7 20	9 27	9 34	11 55	12 28	C. M. 1
10	8 27	10 32	10 40	12 52	C. M. 28	0 24
11	9 31	11 36	11 47	C. M. 52	1 4	0 46
12	10 36	12 43	12 50	1 42	1 34	1 5
13	11 40	C. M. 43	C. M. 50	2 24	1 59	1 28
14	12 44	1 49	1 52	2 59	2 22	1 57
15	C. M. 44	2 54	2 49	3 29	2 45	2 28
16	1 51	3 56	3 37	3 54	3 8	3 Rise
17	2 58	4 49	4 17	4 18	3 34	8 A. 45
18	4 6	5 35	4 52	5 Rise	5 Rise	9 36
19	5 10	6 14	5 21	7 A. 31	9 A. 4	10 15
20	6 10	7 Rise	7 Rise	8 56	10 11	10 44
21	7 1	8 A. 39	7 A. 6	10 16	11 5	11 8
22	8 Rise.	8 4	8 31	11 26	11 48	11 28
23	6 A. 17	9 27	9 55	12 25	12 21	11 45
24	7 40	10 48	11 15	C. M. 25	C. M. 21	12 2
25	9 2	12	12 29	1 13	0 47	C. M. 2
26	10 23	C. M. 7	C. M. 29	1 51	1 9	0 19
27	11 42	1 22	1 33	2 20	1 28	0 39
28	13 1	2 30	2 26	2 44	1 45	1 0
29	1 M. 1	3 28	3 9	3 4	2 2	1 26
30	2 16		3 42	3 23	2 20	1 58
31	3 26		4 10		2 40	

A Table of the Nightly *Rising* and *Setting* of the *Moon*, for the last six Months of this Year, 1684.

D.	July Rise H. M.	August Sets H. M.	Sept. Sets H. M.	Octob. Sets H. M.	Novem. Sets H. M.	Decem. Sets H. M.
1	2M.39	8 3	7A.40	7A.14	8A.25	9A.30
2	2 Sets	8 30	8 2	7 51	9 33	10 41
3	8 57	8 55	8 39	8 39	10 45	11 50
4	9 32	9 15	9 1	9 35	11 56	12 58
5	10 1	9 37	9 50	10 38	13 5	OM.58
6	10 26	10 6	10 37	11 46	1M.5	2 4
7	10 48	10 29	11 34	12 57	2 12	3 8
8	11 9	11 2	12 39	OM.57	3 19	4 15
9	11 31	11 43	OM.30	2 6	4 25	5 21
10	11 56	12 34	1 48	3 15	5 31	6 27
11	12 24	OM.34	2 59	4 23	6 37	7 Rise
12	OM.24	1 34	4 10	5 30	7 Rise	4A.26
13	1 0	2 40	7 Rise	7 Rise	5A.15	5 20
14	1 45	3 51	6A.47	5A.55	5 56	6 23
15	2 39	7 Rise	7 5	6 18	6 43	7 36
16	7 Rise	7A.57	7 23	6 46	7 41	8 51
17	8A.40	8 15	7 44	7 19	8 47	10 6
18	9 7	8 32	8 8	8 1	10 0	11 22
19	9 29	8 50	8 38	8 53	11 15	12 41
20	9 48	9 10	9 16	9 56	12 33	CM.41
21	10 6	9 32	10 2	11 5	OM.33	2 0
22	10 23	9 59	10 58	12 20	1 51	3 22
23	10 42	10 34	12 4	OM.20	3 13	4 46
24	11 1	11 15	CM.4	1 39	4 38	6 7
25	11 25	12 5	1 19	3 1	6 4	7 22
26	11 55	OM.5	2 41	4 25	7 Sets	7 Sets
27	12 31	1 8	4 4	5 51	4A.56	5A.38
28	CM.31	2 20	5 29	7 Sets	5 55	6 53
29	1 17	3 39	7 Sets	5A.47	7 3	8 8
30	2 15	7 Sets	6A.45	6 29	8 17	9 19
31	3 24	7A.24		7 22		10 28

1684	h		v		δ		θ		R		ϕ	
M.D.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
Jan. 1	4	0	4	145	11	07	2225	9230	8	72		
	11	4	0	8	1153	11	69	327	1089	9	83	
	21	4	1	2	4160	11	130	3129	10248	10	174	
Feb. 1	4	1	6	4169	11	196	3240	11122	0157			
	11	4	1	9	4176	11	255	441	11282	2181		
	21	4	2	3	4181	0	14	4141	0142	4107		
Mar. 1	4	2	6	4191	0	66	4231	0287	5160			
	11	4	2	9	4198	0	123	530	1148	6172		
	21	4	3	3	4206	0	179	5129	210	7149		
Apr. 1	4	3	7	4215	0	239	5236	2188	8160			
	11	4	4	1	4222	0	298	634	351	9190		
	21	4	4	4	4230	1	46	6131	3214	1116		
May 1	4	4	7	4237	1	98	6227	476	0282			
	11	4	5	1	4245	1	149	723	4238	300		
	21	4	5	4	4252	1	199	7119	599	4195		
Jun 1	4	5	8	4261	1	254	7224	5277	5292			
	11	4	6	2	4269	2	02	820	6137	6286		
	21	4	6	5	4276	2	51	8115	6296	7260		
Jul. 1	4	6	9	4284	2	98	8210	7155	8253			
	11	4	7	2	4291	2	145	906	813	1007		
	21	4	7	5	4299	2	191	9101	8171	11173		
Aug. 1	4	8	0	507	2	241	9207	945	1237			
	11	4	8	3	515	2	288	1003	9203	3218		
	21	4	8	6	522	3	32	10100	1062	554		
Sep. 1	4	9	0	531	3	81	10207	10236	6115			
	11	4	9	4	538	3	125	1105	1195	796		
	21	4	9	8	546	3	169	11103	11255	874		
Oct. 1	4	10	1	543	3	213	11202	0115	986			
	11	4	10	4	561	3	257	002	0276	10178		
	21	4	10	8	568	4	01	0102	1138	0102		
Nov. 1	4	11	2	576	4	49	0213	215	2187			
	11	4	11	5	584	4	93	114	2177	4111		
	21	4	11	8	592	4	136	1115	339	5197		
Dec. 1	4	12	2	599	4	180	1217	3202	6203			
	11	4	12	6	5107	4	225	219	464	7179		
	21	4	12	9	5114	4	269	2121	4226	8163		
85 Ja. 1	4	13	2	5122	5	181	2233	5105	9231			

Fe 1.
 5 Per.
 Mar. 11
 12 Q
 20 Q Aph.
 23 Q
 Apr. 11
 Q Per.
 29 Q
 May 3
 Q Per.
 June 7
 Q
 16 Q Aph.
 19 Q Aph.
 July 1
 Q
 26 Q
 30 Q Per.
 Aug 1
 Q Aph.
 S-p.
 12 Q Aph.
 10b. 21
 23 Q
 24 Q Aph.
 26 Q Per.
 Nov. 22
 Q Per.
 29 Q
 30 Q Aph.
 Dec. 9
 Q Aph.
 17 Q Per.

Heliocentrick Aspects.

Jan. 3 Δ $\text{h} \odot$. 6 $\text{g} \text{h} \odot$. 9 $\text{g} \odot$. 10 $\ast \text{g} \odot$. 15 $\text{g} \text{v} \odot$.
 17 $\text{g} \text{h} \odot$. 21 $\text{g} \text{v} \odot$. $\Delta \text{g} \odot$. 23 $\text{g} \odot$. 26 $\text{g} \odot$. 27 $\Delta \odot$.
 29 $\Delta \text{h} \odot$. Feb. 1 $\Delta \text{v} \odot$. $\square \odot$. 4 $\square \text{h} \odot$. 6 $\square \text{v} \odot$.
 7 $\ast \text{g} \odot$. $\ast \text{g} \odot$. 8 $\ast \text{h} \odot$. $\text{g} \odot$. $\ast \odot$. 9 $\text{g} \text{h} \odot$.
 11 $\ast \text{v} \odot$. 13 $\Delta \text{h} \odot$. $\square \odot$. 14 $\square \text{g} \odot$. 15 $\text{g} \text{h} \odot$. $\Delta \text{g} \odot$.
 21 $\Delta \odot$. 22 \odot . 23 $\Delta \text{h} \odot$. $\text{g} \text{v} \odot$. $\Delta \text{g} \odot$. 24 $\Delta \text{v} \odot$.
 26 $\text{g} \text{v} \odot$. Mar. 3 $\square \text{h} \odot$. 6 $\ast \text{h} \odot$. 9 $\text{g} \odot$. 12 $\ast \text{v} \odot$.
 14 $\square \text{v} \odot$. 17 $\square \text{h} \odot$. 20 $\ast \odot$. 22 $\ast \text{h} \odot$. 23 $\square \text{v} \odot$.
 27 $\Delta \text{v} \odot$. 28 $\Delta \text{h} \odot$. Apr. 3 $\ast \text{v} \odot$. $\Delta \text{v} \odot$. $\text{g} \odot$.
 4 $\Delta \text{g} \odot$. $\square \odot$. 6 $\ast \text{g} \odot$. 8 $\square \odot$. 12 $\ast \text{h} \odot$. 14 $\square \text{g} \odot$.
 15 $\text{g} \text{h} \odot$. $\Delta \odot$. 19 $\text{g} \text{v} \odot$. 21 $\square \text{h} \odot$. 22 $\ast \text{g} \odot$. 26 $\Delta \text{g} \odot$.
 27 $\Delta \text{h} \odot$. 29 $\text{g} \text{h} \odot$. 30 $\Delta \text{v} \odot$. $\text{g} \odot$. May 2 $\square \text{h} \odot$.
 $\ast \text{v} \odot$. 3 $\square \text{g} \odot$. $\text{g} \odot$. $\square \text{g} \odot$. $\square \text{v} \odot$. 6 $\ast \text{h} \odot$.
 10 $\ast \text{v} \odot$. $\ast \text{g} \odot$. 11 $\text{g} \text{v} \odot$. 12 $\Delta \odot$. 14 $\square \text{h} \odot$. $\ast \text{g} \odot$.
 18 $\text{g} \text{h} \odot$. 19 $\square \odot$. 21 $\square \text{g} \odot$. 23 $\text{g} \text{v} \odot$. 24 $\ast \odot$.
 29 $\ast \odot$. 30 $\Delta \text{g} \odot$. 31 $\Delta \text{g} \odot$. $\text{g} \odot$. Jun. 3 $\ast \text{h} \odot$.
 $\square \text{v} \odot$. 5 $\square \text{v} \odot$. 6 $\ast \text{h} \odot$. 7 $\text{g} \odot$. 10 $\ast \text{v} \odot$. 14 $\square \text{h} \odot$.
 16 $\Delta \text{h} \odot$. 20 $\ast \text{v} \odot$. 22 $\square \text{v} \odot$. 24 $\ast \text{h} \odot$. 25 $\square \text{h} \odot$.
 $\Delta \text{h} \odot$. $\text{g} \odot$. 29 \odot . July 2 $\Delta \text{v} \odot$. 9 $\Delta \text{v} \odot$.
 10 $\Delta \text{v} \odot$. 11 $\ast \text{g} \odot$. 12 $\text{g} \text{h} \odot$. 14 $\Delta \text{g} \odot$. 15 $\Delta \text{h} \odot$.
 17 $\text{g} \text{v} \odot$. 19 $\ast \odot$. 21 $\square \text{g} \odot$. $\square \text{g} \odot$. 23 $\text{g} \odot$.
 24 $\Delta \text{h} \odot$. 25 $\square \odot$. 27 $\ast \text{g} \odot$. 28 $\Delta \text{v} \odot$. $\Delta \text{g} \odot$.
 29 $\square \text{h} \odot$. $\Delta \text{v} \odot$. 31 $\Delta \odot$. Aug. 2 $\square \text{v} \odot$. 3 $\ast \text{h} \odot$.
 7 $\ast \text{v} \odot$. $\text{g} \odot$. 11 $\text{g} \odot$. 13 $\text{g} \odot$. 15 $\text{g} \text{h} \odot$.
 18 $\ast \text{v} \odot$. 20 $\text{g} \text{h} \odot$. $\text{g} \text{v} \odot$. $\ast \text{g} \odot$. 22 $\text{g} \text{h} \odot$. 27 \odot .
 31 $\ast \text{h} \odot$. $\square \text{g} \odot$. Sept. 6 $\Delta \odot$. 7 $\text{g} \text{v} \odot$. 9 $\ast \text{v} \odot$.
 11 $\square \text{h} \odot$. $\Delta \text{g} \odot$. 12 $\Delta \text{g} \odot$. 14 $\Delta \text{g} \odot$. 15 $\text{g} \text{v} \odot$. 20 $\square \text{v} \odot$.
 22 $\Delta \text{h} \odot$. $\square \odot$. 30 $\Delta \text{h} \odot$. $\Delta \text{v} \odot$. Octob. 2 $\square \text{g} \odot$.
 3 $\Delta \odot$. 5 $\text{g} \odot$. $\ast \odot$. 9 $\text{g} \text{h} \odot$. $\square \text{g} \odot$. 14 $\ast \text{g} \odot$.
 15 $\text{g} \text{v} \odot$. 16 $\Delta \text{v} \odot$. 19 $\square \text{h} \odot$. $\Delta \text{g} \odot$. 21 $\Delta \text{h} \odot$. $\text{g} \odot$.
 22 $\Delta \text{h} \odot$. 24 $\square \text{g} \odot$. 25 $\square \text{h} \odot$. $\Delta \text{v} \odot$. 28 $\text{g} \odot$.
 30 $\ast \text{h} \odot$. $\square \text{v} \odot$. $\ast \text{g} \odot$. Nov. 2 $\ast \odot$. 4 $\ast \text{g} \odot$.
 5 $\square \text{v} \odot$. $\ast \text{v} \odot$. 7 $\ast \text{h} \odot$. 9 $\square \odot$. 10 $\text{g} \odot$. 11 $\text{g} \text{h} \odot$.
 14 $\ast \text{g} \odot$. 17 $\text{g} \text{h} \odot$. 18 $\text{g} \text{v} \odot$. $\Delta \odot$. 19 $\Delta \text{v} \odot$. 21 $\square \text{h} \odot$.
 24 $\ast \text{v} \odot$. 25 $\square \text{g} \odot$. 28 $\ast \text{h} \odot$. 30 $\ast \text{g} \odot$. Decemb.
 1 $\square \text{g} \odot$. 4 $\ast \odot$. 8 $\ast \text{v} \odot$. 9 $\square \text{h} \odot$. 13 $\square \text{g} \odot$. 15 $\text{g} \text{h} \odot$.
 19 $\square \text{v} \odot$. $\text{g} \odot$. 20 $\Delta \text{h} \odot$. $\square \text{v} \odot$. 22 $\ast \text{h} \odot$. 25 $\text{g} \odot$.
 $\Delta \text{g} \odot$. $\Delta \text{g} \odot$. 29 $\Delta \text{v} \odot$.

January hath xxxi. days.

Lunations.	D. H. M.	M. C. Asc.	B. Ω	Ω
● New Moon.	6 5 18 Aft.	Υ 20 Ω 10	1 26	2
☾ First Quarter.	14 7 12 Aft.	♄ 27 ♄ 5	6 25	9
☉ Full Moon.	22 5 52 Mor.	♊ 15 ♊ 9	11 29	6
☾ Last Quarter	28 10 32 Aft.	♋ 28 ♋ 21	16 25	4
			21 25	1
			26 24	9

Days.	Remarkable Days, &c.	Oriz. h. m.	Sou. h. m.	Lunar Aspects, &c.
1	Circumcision.	8 1	7 M 18	* ♀ * ☉ * ♀ Fair, but
2	Day 8 hours.	8 0	8 10	□ ♀ □ ♂ * ♀ troubled
3		7 59	9 3	air, if not rain, &c. fol-
4		7 57	9 59	□ ♀. Δ ♀ lows. fairer
5		7 56	10 55	* ♂. weather. winds
6 F	Epiphany.	7 55	11 48	Δ ♀. ♂ ♀ ☉ follow
7		7 54	0 A 41	♂ ♀ and cloudy
8		7 52	1 31	with some rain
9		7 51	2 17	♂ ♀ or snow a-
10		7 50	3 1	♂ ♂. bout this time.
11		7 48	3 43	♂ ♀. clearing winds.
12		7 47	4 24	* ☉ * ♀. moist, but
13 F	1 After Epiph.	7 45	5 4	* ♀. good weather
14		7 43	5 46	Δ ♀ □ ☉ the season
15		7 42	6 29	□ ♀ * ♂. considered,
16		7 40	7 15	Δ ♀ □ ♀. cloudy or
17		7 38	8 3	□ ♀ Δ ☉. rain.
18		7 36	8 55	Δ ♀ □ ♂. □ ♀ Δ ♀
19		7 35	9 51	* ♀. indifferent good
20 F	2 After Epiph.	7 33	10 49	Δ ♂. * ♀ weather
21		7 31	11 47	for the Season, till after
22	Day 9 hours.	7 30	12 45	♂ ☉. the Full. wind
23	Term begins.	7 28	0 M 45	♂ ♀. ♂ ♀ ♂ ♀ & rain
24		7 26	1 41	♂ ♂ ♂ ♀ or snowy
25		7 25	2 35	weather. fairer with some
26	Con. St. Paul.	7 23	3 26	Δ ☉ abatement of cold
27 F	1 Perig.	7 21	4 19	Δ ♀ * ♀ till about the
28	Septuages.	7 20	5 10	Δ ♀. □ ☉ 30 then some
29		7 18	6 1	* ♀ Δ ♂. □ ♀ more
30		7 16	6 54	□ ♀ □ ♀. wind & wet.
31	K. Cha. Mar.	7 14	7 48	□ ♀ * ☉. □ ♂ fairer.

January, 1684. Mutual Aspects.

Day | 2 Δ ⊙ ♀. 8 ♀ ♂. 5 Δ ♀ ♀. 9 ♂ ⊙ ♀. 23 ♂ ♀ ♀.
26 ♂ ♀ ♂. 27 ♂ ♀ ♀.

Latitudes of the Planets.		day																			
		11 B 7				1 B 4				1 A 0				1 A 4				1 A 7			
		11 1 7 1				4 0 5 1				5 2 1				5 1 6							
		21 1 8 1				4 7 1				5 1 6											
Days	☉	♊	♈	♉	♊	♈	♉	♊	♈	♉	♊	♈	♉	♊	♈	♉	♊	♈	♉		
1	21	30	16	1	5	B	0	3	3	22	5	2	1	4	2	16					
2	22	32	29	9	4		3	2	22	4	2	9	5	4	18						
3	23	33	13	7	6	3	6	3	22	4	3	6	6	7	19						
4	24	35	27	2	2	5	3	1	22	4	4	4	7	9	21						
5	25	37	10	7	6	1	4	3	1	22	4	5	1	9	2	23					
6	26	39	23	7	0	2	3	0	22	3	6	0	10	4	24						
7	27	41	6	6	1	A	0	3	0	22	3	6	7	11	7	26					
8	28	43	19	3	2	1	2	5	12	3	7	5	12	9	28						
9	29	45	1	X	7	3	1	2	8	22	2	8	3	14	2	29					
10	30	46	13	9	3	9	2	8	22	2	9	1	15	5	1	30					
11	1	48	25	8	4	6	2	7	22	1	9	9	16	7	3						
12	2	50	7	V	7	5	0	2	6	22	1	10	6	18	0	4					
13	3	51	19	4	5	3	2	6	22	0	11	4	19	2	6						
14	4	53	1	0	3	5	3	5	22	0	12	2	20	5	8						
15	5	55	13	1	5	1	2	5	21	9	12	9	21	7	10						
16	6	56	25	4	4	6	2	4	21	9	13	7	23	0	11						
17	7	58	7	II	8	3	9	2	3	21	8	14	5	24	2	13					
18	8	59	20	7	3	0	2	3	21	7	15	3	25	5	15						
19	9	61	3	S	9	2	0	2	21	7	16	0	26	7	17						
20	10	62	17	5	0	8	2	1	21	6	16	8	28	0	19						
21	11	63	1	Ω	7	0	R	5	21	5	17	6	29	2	20						
22	12	65	16	0	1	8	1	9	21	5	18	3	0	X	5	21					
23	13	66	0	mp	6	3	0	1	9	21	4	19	1	1	7	24					
24	14	68	15	3	4	0	1	8	21	3	19	9	3	0	26						
25	15	69	0	Δ	1	4	7	1	7	21	2	20	6	4	2	27					
26	16	70	14	6	5	2	1	6	21	1	21	4	5	5	29						
27	17	71	29	0	5	3	1	6	21	0	22	2	6	7	1	X					
28	18	72	13	m	1	5	0	1	5	20	9	22	9	8	0	3					
29	19	73	26	7	4	5	1	4	20	8	23	7	9	2	4						
30	20	74	10	7	5	7	1	3	20	7	24	5	10	5	6						
31	21	75	23	9	2	8	1	3	20	6	25	2	11	7	7						

February hath xxix. days.

Lunations.	D.	H.	M.	M.C.	Afc.	D.	22.	23.
● New Moon.	5	10	0.	Mor.	W.27	8.28	1	24
☾ First Quarter.	13	2	42.	Aft.	Y.19	9.	6	24
☉ Full Moon.	20	4	48.	Aft.	8.28	12. 6	11	24
☾ Last Quarter.	27	8	21.	Mor.	W.23	8.22	16	23
							21	23
							26	23

Days.	Remarkable days, &c.	☉ ri. h. m.	☾ Sou. h. m.	Lunar Aspects, &c.
1		7 13	8M.42	△ h. * ♀ winds, but
2	Purif. Mary.	7 11	9 36	* ♀. △ ♀ for the most
3	F. Sexagesima.	7 9	10 28	* ♂. part fair till
4		7 7	11 19	after the New Moon.
5		7 5	0 A 8	♂ ☉. ♂ h. then cloudy
6		7 3	● 54	and store of
7	Day 10 hours.	7 1	1 37	♂ ♀ ♂ ♀ cold rain
8		6 59	2 19	♂ ♂. or snow for
9	☾ Apog.	6 57	3 0	several
10	F. Shrove Sund.	6 55	3 41	△ h * ☉ days till
11		6 53	4 23	after the
12	Term ends.	6 51	5 8	△ ♀ * ♀. * ♀ first
13	Ash-Wednesday.	6 49	5 55	□ h. □ ☉ * ♂ Quarter,
14	Valentine.	6 47	6 44	□ ♀ □ ♀ with lofty
15		6 45	7 37	* h □ ♀ Winds,
16		6 43	8 33	□ ♂ △ ☉. △ ♀ * ♀
17	F. 1 Sun. in Lent.	6 41	9 30	sometimes clearing,
18		6 39	10 28	△ ♀ △ ♂. but again
19		6 37	11 26	♂ h troubled, with
20		6 35	12 22	♂ ☉ ♂ ♀ stormy
21		6 34	0 M22	♂ ♀ Winds, and
22	☾ Perig.	6 32	1 18	♂ ♀. ♂ ♂ rain follows
23	Day 11 hours.	6 30	2 12	* h about these
24	F. 2 Sun. in Lent.	6 28	3 5	△ ♀ days, yet
25	S. Matthias.	6 26	3 59	△ ☉ * ♀. □ h variable
26		6 24	4 54	□ ♀ and lofty Winds,
27		6 22	5 48	△ ♀ △ ♂ □ ♀ □ ☉.
28		6 20	6 43	△ h. * ♀ clearing, but
29		6 18	7 38	△ ♀ □ ♂ □ ♀ * ☉ in the end wet.

February 1684. Mutual Aspects.

D 6 ♀ El. Max. a ☉. 7 ♀ ♄ ♀. 9 ♀ ☉ ♄. 12 ♀ ♄ ♀
 16 ♀ ♄ ♀. 22 ☉ ☉ ♀. 26 ♀ ☉ ♄. 28 ☉ ♄ ♀.

Latitudes of
the Planets.

Day	☉	♄	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀
1	18	8	13	5	0	A	6	1	A	4	0	B	0	
11	1	8	1	5	0	5	1	2	2	4				
21	1	8	1	5	0	4	0	9	3	6				

Days	☉	♄	♂	♀	L	♄	♂	♀	♂	♀	♂	♀	♂	♀
1	22	76	7	0	1	R	7	1	2	20	5	25	0	13
2	23	77	20	0	0	5	1	1	20	4	25	8	14	2
3	24	78	2	7	0	A	6	1	0	20	3	27	5	15
4	25	79	15	3	1	7	0	0	20	2	28	3	16	7
5	26	80	27	8	2	8	0	0	20	1	29	0	17	9
6	27	81	10	×	3	6	0	0	20	0	29	8	19	1
7	28	82	22	14	3	0	0	7	19	0	0	V	5	20
8	29	82	4	V	0	4	8	0	6	19	8	1	3	21
9	0	×	83	15	9	5	1	0	5	19	6	2	1	22
10	1	83	27	7	5	2	0	0	5	19	5	2	8	24
11	2	84	9	×	5	5	0	0	4	19	4	3	6	25
12	3	84	21	5	4	7	0	0	3	19	3	4	4	26
13	4	85	3	II	6	4	1	0	2	19	1	5	1	27
14	5	85	16	0	3	3	0	0	1	19	0	5	9	29
15	6	85	28	8	2	3	0	0	1	18	9	6	0	V
16	7	86	12	5	0	1	2	0	0	18	8	7	4	1
17	8	86	25	6	0	B	0	29	9	18	6	8	2	2
18	9	86	9	Ω	7	1	3	29	8	18	5	8	9	4
19	10	86	24	2	2	5	29	7	18	4	9	7	5	3
20	11	86	9	μ	1	3	6	29	7	18	3	10	5	6
21	12	86	24	2	4	4	29	6	18	1	11	2	7	7
22	13	86	9	≈	4	4	9	29	5	18	0	11	9	9
23	14	86	24	3	5	1	29	4	17	9	12	7	10	2
24	15	86	8	m	9	5	0	29	4	17	7	13	4	11
25	16	85	23	2	4	5	29	3	17	6	14	2	12	7
26	17	85	7	♄	2	3	8	29	2	17	5	14	9	13
27	18	85	20	8	2	9	29	1	17	4	15	6	15	1
28	19	85	4	V	1	1	8	29	1	17	2	16	4	16
29	20	85	17	0	0	8	29	0	17	1	17	1	17	6

March hath xxxi. days.

Lunations.	D.	H.	M.	M.C.	Afc.	D.	Ω.	Σ
● New Moon.	6	3	32 Mor.	m 22	vp 17	6	22	7
☾ First Quarter.	14	6	43 Mor.	vp 14	Ω 4	11	22	5
○ Full Moon.	21	2	9 Mor.	m 15	vp 9	16	22	2
☾ Last Quarter.	27	7	53 Afc.	Ω 12	m 1	21	21	9
						26	21	7

Days.	Remarkable Days, &c.	☉ ri. h. m.	☽ Sou. h. m.	Lunar Aspects.
1		6 16	8 M 30	Something like the end of
2 E	3 Sun in Lent	6 14	9 21	the last, but variable.
3		6 12	10 10	* ♂ * ♀ . 2 ♀ cold
4		6 10	10 56	♂ ♀ . rain or fleet & wind.
5		6 8	11 40	8 ♀ . winds and
6		6 6	0 A 22	♂ ☉ . clearing
7	☽ Apog.	6 4	1 4	to the eighth.
8		5 2	1 45	♂ ♂ . ♂ ♀ Δ ♀ rain
9 E	Mid-lent Equi.	6 0	2 27	* ♀ . about this time,
10		5 58	3 11	Δ ♀ . clearing again.
11		5 56	3 57	□ ♀ . * ☉ cold, cloudy &c.
12		5 54	4 44	□ ♀ . □ ♀ windy, but
13		5 52	5 35	* ♂ * ♀ . seasonable
14		5 50	6 29	* ♀ □ ☉ . Δ ♀ and
15		5 48	7 24	* ♀ . fair for the
16 E	5 Sun in Lent.	5 46	8 20	□ ♂ . Δ ☉ □ ♀ most
17		5 44	9 16	part. cloudy
18		5 42	10 13	♂ ♀ Δ ♂ . cold or fleet.
19		5 40	11 8	Δ ♀ ♂ ♀ ♂ ♀ . windy
20		5 38	12 3	and fair
21	☽ Perig.	5 36	0 M 3	8 ☉ . weather
22		5 34	0 59	* ♀ . ♂ ♂ continues,
23 E	Palm-Sund.	5 32	1 54	* ♀ 8 ♀ Δ ♀ . except
24	Day 13 hours.	5 30	2 50	□ ♀ . about the 24th.
25	Annunt. Mary.	5 28	3 47	□ ♀ Δ ☉ . □ ♀ windy &c.
26		5 26	4 44	Δ ♀ . Δ ♂ most part
27		5 25	5 40	Δ ♀ □ ☉ fair
28		5 23	6 36	Δ ♀ * ♀ . weather
29		5 21	7 27	□ ♂ . these days.
30 E	E ₂ fter-Day.	5 19	8 16	* ☉ . □ ♀ ♂ ♀ some
31		5 17	9 3	cold rain near the end.

March 1684. Mutual Aspects.

D. | 9 Δ h 9. 15 Δ h 8. 20 \circ El. Max. a \circ . 22 δ 11 \circ .
 Δ 11 \circ . 25 \ast 9 \circ frst.

Latitudes of
the Planets.

D	1	1	B	1	B	5	0	A	3	0	A	5	2	B	3
	11	1	8	1	5	0	10	B	0	0	A	1			
	21	1	8	1	5	0	0	5	1	8					

Days	\circ	\times	D	W	lat	h	s	11	m	8	7	6	5	4	3
1	21	84	29	7	0A	5	28	9	17	0	17	9	18	8	7
2	22	83	12	2	1	6	28	9	16	8	18	6	20	0	6
3	23	83	24	5	2	6	28	8	16	7	19	4	21	2	6
4	24	82	6	7	3	4	28	7	16	6	20	1	22	4	5
5	25	81	18	8	4	1	28	7	16	5	20	8	23	7	5
6	26	80	0	V	7	4	28	6	16	3	21	6	24	9	5
7	27	79	12	6	5	0	28	5	16	2	22	3	26	1	5
8	28	78	24	4	5	0	28	5	16	1	23	0	27	3	5
9	29	78	6	8	3	4	28	4	16	0	23	8	28	5	5
10	0	V	77	18	2	4	28	3	15	8	24	5	29	8	6
11	1	76	0	II	2	4	28	3	15	7	25	2	1	0	6
12	2	75	12	3	3	28	2	15	6	26	0	2	2	7	0
13	3	74	24	7	2	4	28	2	15	5	26	7	3	4	7
14	4	73	7	5	4	1	28	1	15	3	27	5	4	6	8
15	5	71	20	5	0	2	28	1	15	2	28	2	5	9	8
16	6	70	4	0	1	B	0	28	0	15	1	28	9	7	1
17	7	68	18	0	2	1	28	0	15	0	29	7	8	3	10
18	8	67	2	7	4	3	27	5	14	5	0	4	9	5	11
19	9	65	17	2	4	1	27	5	14	8	1	1	10	7	11
20	10	63	2	4	4	7	27	8	14	7	1	9	11	9	12
21	11	62	17	6	5	0	27	7	14	6	2	6	13	1	13
22	12	60	2	8	4	9	27	7	14	5	3	3	14	3	14
23	13	58	17	8	4	5	27	7	14	4	4	1	15	5	16
24	14	56	2	7	4	3	27	6	14	3	4	8	16	7	17
25	15	54	16	7	2	9	27	6	14	2	5	5	17	9	18
26	16	52	0	V	4	1	27	6	14	1	6	2	19	1	19
27	17	50	13	7	0	7	27	5	14	0	7	0	20	3	20
28	18	48	26	7	0	A	4	27	5	13	9	7	21	5	21
29	19	46	9	3	1	5	27	4	13	8	8	4	22	7	23
30	20	44	21	6	2	5	27	4	13	7	9	1	23	9	24
31	21	42	3	7	3	4	27	4	13	7	9	8	25	1	25

April hath xxx days.

Lunations.				D. H. M.		M. C. Afc.		D. Ω.		Ω
● New Moon.	4	9	9 Aft.	☾	9	m	20	1	21	4
☾ First Quarter.	12	6	39 Aft.	☾	8	h	29	6	21	1
☉ Full Moon.	19	10	20 Mo.	☾	14	h	6	11	20	8
☾ Last Quarter.	26	9	5 Mo.	☾	0	h	27	16	20	6
								21	20	3
								26	20	0
Days.	Remarkable Days, &c.		☉ ri. h. m.	☾ Sou. h. m.	Lunar Aspects, &c.					
1			5 15	9M 47	* ♂ ♀ ♀ fair, but with					
2			5 13	10 29	* ♀. ♂ ♀ mixture of					
3			5 11	11 12	some wind and showers.					
4	☾	Apo.	5 9	11 52	. ♂ ☉ △ ♀ seasonable,					
5			5 7	0A 34	and something					
6	E	Low Sunday.	5 5	1 17	△ ♀ ♂ ♂. warmer.					
7			5 3	2 2	□ ♀ cooler and cloudy					
8			5 1	2 49	♂ ♀ * ♀. □ ♀ with					
9		Day 14 hours.	5 0	3 39	* ♀ rain, but indifferent					
10			4 58	4 31	* ☉. weather follows,					
11			4 56	5 25	□ ♀ * ♀. * ♂ and					
12			4 54	6 19	□ ☉ fair for the most					
13	E	2 Aft. Easter.	4 52	7 14	* ♀. △ ♀ □ ♂ part					
14			4 50	8 7	♂ ♀ cloudy, but					
15			4 49	9 1	△ ☉. ♂ ♀ □ ♀ some					
16		Term begins.	4 47	9 54	△ ♂. seasonable rain					
17			4 45	10 47	△ ♀ and good wea-					
18		☾ Perig.	4 43	11 43	♂ ♀ * ♀. ther to the					
19			4 41	12 40	♂ ☉ * ♀. 20. Some					
20	E	3 After Easter.	4 40	CM 40	♂ ♂. □ ♀ hail, or rain					
21			4 38	1 37	□ ♀ ☉ thun. clearing					
22			4 36	2 36	♂ ♀. △ ♀ some rain, y.					
23		S. George.	4 35	3 34	△ ♀. △ ♀ ☉ good					
24			4 33	4 32	△ ♂ weather.					
25		S. Mark Evan.	4 32	5 27	□ ♀ but now follows					
26		Day 15 hours.	4 30	6 18	□ ☉ some					
27	E	4 After Easter.	4 29	7 5	△ ♀ ♂ ♀ □ ♂ hail, &c					
28			4 27	7 50	♂ ♀. * ♀ clearing					
29			4 25	8 33	* ☉. □ ♀ but variable					
30			4 24	9 14	* ♂ with some rain.					

April 1684. Mutual Aspects.

2□♂. 5△♂. 6△⊙♂. 15□♀. 19△♂.
22△⊙♀. 24□♂. 26△♀. 27*♂. 30⊙♀

Latitudes of the Planets.	Day.	0		1		2		3		4		5		6	
		B	I	B	I	B	I	B	I	B	I	B	I	B	I
11	1	1	8	1	8	0	1	1	8	0	2	1	6	2	6
11	1	1	7	1	5	0	2	1	5	2	4	2	4	2	4
21	1	1	7	1	4	0	3	1	9	1	3	1	3	1	3

Days	○	Y	D	X	L	D	h	u	Y	m	g	g	g	g	g	g	g	
	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
1	22	41	15	7	4	A	1	27	4	13	6	10	6	26	3	27	3	
2	23	38	27	6	4		6	27	3	13	5	11	3	27	5	28	7	
3	24	36	9	Y	5	4	9	27	3	13	4	12	0	28	7	0	Y	2
4	25	34	21	3	5		0	27	3	13	4	12	7	29	9	1	7	
5	26	31	3	8	3	4	9	27	3	13	3	13	4	I	1	3	2	
6	27	29	15	2	4		6	27	2	13	2	14	1	2	3	4	8	
7	28	26	27	2	4		0	27	2	13	2	14	9	3	5	6	4	
8	29	23	9	II	3	3	3	27	2	13	1	15	6	4	7	8	0	
9	0	21	21	6	1		4	27	2	13	0	16	3	5	8	9	6	
10	1	18	4	5	1	1	4	27	2	13	0	17	0	7	0	11	3	
11	2	15	16	8	0		3	27	2	12	9	17	7	8	2	13	0	
12	3	13	29	9	0	B	8	27	1	12	9	18	4	9	4	14	7	
13	4	10	13	3	2		0	27	1	12	8	19	1	10	6	16	5	
14	5	7	27	0	3		0	27	1	12	8	19	8	11	7	18	3	
15	6	4	11	m	2	3	9	27	1	12	7	20	5	12	9	20	1	
16	7	1	25	8	4		6	27	1	12	7	21	3	14	1	21	9	
17	7	98	10	7	5		0	27	1	12	7	22	0	15	3	23	8	
18	8	95	23	9	5		0	27	D	1	6	23	7	16	4	25	7	
19	9	92	11	m	1	4	7	27	1	12	6	23	4	17	6	27	7	
20	10	88	26	1	4		0	27	1	12	6	24	1	18	8	29	6	
21	11	85	10	7	9	3	1	27	1	12	6	24	8	19	9	18	6	
22	12	82	25	3	2		0	27	1	12	6	25	5	21	1	3	6	
23	13	78	5	7	2	0	9	27	1	12	5	26	2	22	3	5	6	
24	14	75	22	6	0	A	3	27	1	12	5	26	9	23	4	7	7	
25	15	71	5	6	1		5	27	2	12	5	27	6	24	6	9	8	
26	16	67	18	3	2		5	27	2	12	5	28	3	25	7	11	9	
27	17	64	0	X	5	3	4	27	2	12	5	29	0	26	9	14	1	
28	18	60	12	6	4		1	27	2	12	D	5	29	7	28	0	16	3
29	19	57	24	5	4		6	27	2	12	5	0	II	4	29	2	18	4
30	20	53	6	Y	4	5	0	27	3	12	5	1	1	0	3	20	6	

May hath xxxi days.

Lunations.	D.	H.	M.	M.	C.	Afc.	D.	Ω.	5
● New Moon.	4	0	58	Aft.	II	8	19	13	1
☾ First Quarter.	12	3	5	Mo.	W	14	8	5	6
○ Full Moon.	18	6	13	Aft.	W	8	19	19	11
☾ Last Quarter.	26	0	9	Mo.	F	17	28	28	16
									21
									27

Days.	Remarkable Days, &c.	☉ ri. h. m.	☿ Sou. h. m.	Lunar Aspects, &c.
1	St. Phil. & Jac.	4 22	9M 55	Fair, but
2	(☾ Ap.	4 21	10 37	△ h. * ♀ cla. & varia-
3		4 19	11 19	△ ♀ ble, oft clearing.
4 E	Rogation Sun.	4 17	0A 3	♂ ☉ □ h troubled with
5		4 16	0 50	♂ ♀ ♂ ♂ rain & thund.
6		4 15	1 39	□ ♀. or winds. fair
7		4 13	2 30	* h. cloudy, perhaps
8	Ascension day.	4 12	3 23	♂ ♀ * ♀. some rain, but
9		4 10	4 17	* ☉ clearing again, fair
10		4 8	5 11	* ♂. * ♀ and windy.
11 E	6 After Easter.	4 7	6 3	♂ h cloudy, &c. but
12	Term ends.	4 5	6 55	□ ☉. □ ♂ ♀ ♀ most part
13		4 4	7 46	* ♀ □ ♀. fair & windy
14		4 3	8 37	△ ☉. △ ♂ these days
15	☾ Perig.	4 2	9 29	□ ♀. △ ♀ cloudy
16		4 1	10 23	* h. weather to the
17	Day 16 hours.	4 0	11 19	* ♀ △ ♀. Full Moon.
18 E	Whitunday.	3 59	12 17	□ h. ☉ then sol. rain
19		3 58	0M 17	□ ♀ ♂ ♂. & thund. or
20		3 57	1 17	△ h ♂ ♀. some storm.
21		3 56	2 16	△ ♀. fairer.
22		3 55	3 13	♂ ♀. moist, or cooling
23		3 54	4 7	△ ☉. △ ♂ yet good wea.
24		3 53	4 57	. ♂ h perhaps cloudy.
25 E	Trinity Sun.	3 53	5 44	△ ♀. ♂ ♀ but wind
26		3 52	6 28	□ ☉. □ ♂. and for the
27		3 51	7 10	△ ♀. most part
28	(☾ Apog.	3 50	7 52	□ ♀. * ☉ fair and
29	K. Cha. 2 N. R.)	3 50	8 34	* ♂. △ h reasonable
30	Term begins.	3 50	9 13	□ ♀. △ ♀ * ♀ wea-
31		3 49	9 55	ther to the end.

May 1684. Mutual Aspects.

☉. 3 ☐ ♄ 8. 7 ☊ ☊ ☉. ☐ ☉ ☉. 10 ☐ ♄ ☉. 11 * ♄ ☉.
 17 ☐ ♄ ☉: 19 * ♄ ☉. 24 ☐ ☉ ♄. 30 * ♄ ☉.

Latitudes of the Planets.	Day.		o.		o.		o.		o.		o.	
	1		1 E.		7 1 B.		4 0 B.		1 2 B.		0 B.	
	11		1		7 1		4 0		5 2		4 1	
	21		1		7 1		3 0		6 2		4 2	

Days	☉	☊	☋	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏
	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.
1	21	49	18	25	A. 1	27	3	12	5	1	8	1	5	22	8
2	22	46	0	15	0	27	3	12	5	2	5	2	6	25	0
3	23	42	12	04	6	27	3	12	6	3	1	3	8	17	1
4	24	38	24	14	1	27	4	12	6	3	8	4	9	19	3
5	25	34	6	II	3	27	4	12	6	4	5	6	0	1	II
6	26	30	18	6	2	27	4	12	6	5	2	7	2	3	7
7	27	26	1	5	1	27	5	12	6	5	9	8	3	5	8
8	28	22	13	9	8	27	5	12	7	6	6	9	4	7	9
9	29	18	26	7	0	B. 8	27	5	12	7	7	3	10	6	10
10	0	II	14	9	9	1	27	6	12	7	8	0	11	7	12
11	1	10	23	3	3	0	27	6	12	8	8	7	12	8	14
12	2	06	6	II	9	3	27	6	12	8	9	3	13	9	16
13	3	02	21	04	6	27	7	12	8	10	0	15	1	17	9
14	3	98	5	3	5	0	27	7	12	9	10	7	16	2	19
15	4	94	19	9	5	2	27	8	12	9	11	4	17	3	21
16	5	90	4	m	7	4	27	8	13	0	12	1	18	4	23
17	6	85	19	6	4	3	27	9	13	0	12	8	19	5	25
18	7	81	4	7	4	3	27	9	13	1	13	5	20	6	27
19	8	77	19	0	2	4	28	0	13	1	14	2	21	7	28
20	9	72	3	II	4	1	28	0	13	2	14	8	22	8	0
21	10	68	17	4	0	A. 6	28	1	13	3	15	5	23	9	1
22	11	63	0	m	9	1	28	1	13	3	16	2	24	0	3
23	12	59	14	0	2	3	28	2	13	4	16	9	25	1	4
24	13	54	26	6	3	3	28	2	13	5	17	6	27	2	6
25	14	50	9	X	0	4	1	28	3	13	6	18	3	28	3
26	15	45	21	0	4	7	1	28	4	13	6	18	9	29	4
27	16	41	2	Y	9	5	1	28	5	13	7	19	6	0	5
28	17	37	14	7	5	2	28	5	13	8	20	3	1	5	11
29	18	32	26	5	5	1	28	6	13	9	21	0	2	5	12
30	19	28	8	0	4	4	8	28	7	14	0	21	6	3	6
31	20	23	20	4	4	4	28	7	14	1	22	7	4	7	14

June hath xxx days.

Lunations.	D. H. M.			M. C. Asc.		D. ob. E.		
							18	1
● New Moon.	3	2	46 Mor.	☾. 1	II. 4	6	17	9
☾ First Quarter.	10	8	58 Mor.	☿. 17	Ω. 28	11	17	6
○ Full Moon.	17	2	35 Mor.	☿. 13	II. 19	16	17	3
☾ Last Quarter.	24	4	33 Aft.	♄. 22	III. 28	21	17	1
						26	16	8

Days.	Remarkable days, &c.	☿ Ri. h. m.	☿ South h. m.	Lunar Aspects, &c.
1 E	1 After Trin.	3 49	10 M. 40	☐ ♄ * ♀ cloudy or rain
2		3 49	11 29	☐ ♄ : clearing and fair
3		3 48	0 A. 20	☐ ☉ ☿ * ♄ beat or
4		3 48	1 14	* ♄ thund. fair.
5		3 48	2 8	☐ ♄. some wind & clo.
6		3 47	3 3	☐ ♄ bring rain
7		3 47	3 55	about this time if not
8 E	2 After Trin.	3 47	4 47	* ☿ * ☉ ☐ ♄ h. thund.
9		3 47	5 38	☐ ♄ * ♄ about the
10	Day 16 bo. 26 m.	3 47	6 27	☐ ☐ ☉. 8. & 10. the
11	S. Barnabas	3 47	7 17	* ♄ rest good
12	D. Petig.	3 47	8 8	☐ ♄ * ♄. Δ ☐ Δ ☉
13		3 47	9 1	* ♄ ☐ ♄ weather
14		3 47	9 57	Δ ☐. ☐ h except
15 E	3 After Trin.	3 48	10 54	☐ ♄ towards the full
16		3 48	11 53	Δ ☐. Δ h ☐ ☐ some
17	Ec. D Vif.	3 48	12 52	☐ ☉. Δ ♄ thund. after
18	Term Ends.	3 49	0 M. 52	☐ ♄. fair & some wind
19		3 49	1 48	to 20. or 21.
20		3 50	2 41	☐ ♄ then some
21		3 50	3 31	☐ ♄. Δ ☐ Δ ☉ rain.
22 E	4 After Trin.	3 51	4 17	☐ ♄. Δ ♄ after
23		3 51	5 0	fairer
24	S. Joh Bapt.	3 52	5 41	☐ ☐. ☐ ☉ some thund.
25	D. Apog.	3 52	6 22	☐ ♄. or variabl. & some
26		3 53	7 3	Δ ☐ Δ h. * ☐ rain
27		3 54	7 44	* ☉. Δ ♄ * ♄ pt. fair
28		3 55	8 29	☐ h ☐ ♄ now follow
29 E	5 S. Pet. & Paul.	3 56	9 16	showers but
30		3 57	10 5	☐ ♄. again fair.

June 1684. Mutual Aspects.

D. 1 ♄ El. Max. 7 ♂ ☉ ♄. 10 * ☉ h. 11 * h ♄. 19 ♀
El. Max. 27 ♂ h ♄: 29 * ☉ ♄. ♂ ☉ ♄. * ♄ ♄.

Latitudes of the Planets. { Day. o. o. o. o. o.
1 1 B. 7 1 B. 3 0 B. 7 1 B. 1 1 B. 0
11 1 7 1 3 0 8 1 7 1 A. 1
21 1 6 1 2 0 8 1 0 3 5

Days	♄	♈	D. ♈	Lat. ♄	h	♈	♄	♈	♈	♈	♈	♈	♈
	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.
⊙	121	19	2	63A.6	28	8	14	2	13	0	5	7	15
	222	14	15	02	7	28	8	14	3	23	6	6	7
	323	10	27	61	7	28	9	14	4	24	3	7	8
	424	05	10	53	6	29	0	14	5	25	0	8	8
	525	00	23	60B.6	29	1	14	6	25	7	9	9	19
	625	96	6	58	8	1	14	7	26	3	10	9	20
	726	91	20	22	9	19	2	14	8	27	0	11	9
⊙	827	86	3	48	3	8	19	3	14	9	27	7	13
	928	81	17	64	6	29	4	15	0	28	3	14	0
	1029	77	1	45	1	29	5	15	1	29	0	15	0
	11	0	5	72	15	5	2	29	5	15	2	19	7
	12	1	6	7	19	8	5	1	29	6	15	4	0
	13	2	6	3	14	11	2	4	7	15	5	1	0
	14	3	5	8	28	7	3	9	29	8	15	6	1
⊙	15	4	5	3	13	7	1	2	9	29	9	15	7
	16	5	4	9	27	5	1	7	0	15	9	3	0
	17	6	4	4	11	7	6	0	16	0	3	7	2
	18	7	3	9	25	4	0	A.8	0	1	16	1	4
	19	8	3	4	8	29	2	0	0	2	16	3	5
	20	9	3	0	22	0	3	1	0	3	16	4	5
	21	10	2	5	4	7	3	9	0	4	16	5	6
⊙	22	11	2	0	17	0	4	6	0	5	16	7	7
	23	12	1	5	29	1	5	0	0	6	16	8	7
	24	13	1	0	11	5	2	0	7	16	5	8	3
	25	14	0	6	22	8	5	2	0	8	17	1	9
	26	15	0	1	4	6	5	0	0	9	17	2	9
	27	15	9	7	16	5	4	6	1	0	17	4	10
	28	16	9	2	28	5	4	0	1	1	17	5	11
⊙	29	17	8	8	10	8	3	1	1	2	17	7	11
	30	18	8	3	23	3	2	1	1	3	17	8	12

July hath xxxi days.

Lunations.	D. H. M.			M. C. Afc.	D. S. S.		
● New Moon.	1	2	30	Aft. S. 28 m. 12	6	16	5
☽ First Quarter.	9	1	39	Aft. S. 22 m. 8	11	16	3
○ Full Moon.	16	0	27	Aft. S. 11 m. 0	16	15	0
☾ Last Quarter.	24	10	5	Mor. S. 14 m. 11	21	15	7
					26	15	5
							2

Days.	Remarkable days, &c.	☉ Ri. h. m.	☽ South h. m.	Lunar Aspects, &c.
1		3 58	10 M. 59	* h * ♀. some rain &
2	Sun Eclipsed, vis.	3 59	11 54	♂♂♂♀*♂. ☉
3	Day 16 hours.	4 0	0 A. 50	thund. follows. fairer
4		4 1	1 45	weather and hot.
5		4 2	2 38	♂ h now follows some
6 E	6 After Trin.	4 4	3 30	♂♀*♀.*♂♂♂
7		4 5	4 21	*☉. rain. fair and hot.
8		4 6	5 10	☐♀☐♂ perhaps some
9	☽ Perig.	4 7	6 0	☐☉*h thunder
10		4 8	6 51	*♀△♀ more temper.
11		4 9	7 43	△♂*♂. △☉ fair hot.
12		4 10	8 39	☐h. ☐♀ cooler or rain
13 E	7 After Trin.	4 12	9 36	☐♂. fair and
14		4 13	10 35	△h. temperate
15		4 15	11 32	♂♀△♀. △♂♂♂
16		4 16	12 26	♂☉ some heat or thund.
17		4 18	0 M. 16	but most part fair.
18		4 19	1 18	♂h cloudy, cooler
19		4 21	2 7	♂♀△♀ and rain.
20 E	8 After Trin.	4 23	2 52	♂♂. △♂ fair
21		4 24	3 34	△☉ weather
22		4 26	4 16	☐♀ till about the
23	☽ Apog.	4 27	4 57	☐♂. △h 23. then
24	Day 15 hours.	4 29	5 38	☐☉. some rain or thund.
25	S. James Apost.	4 30	6 21	△♀△♂.*♀*♂
26		4 32	7 7	☐h more temper. clou. or
27 E	9 After Trin.	4 33	7 55	*☉. ☐♀☐♂ so. rain.
28		4 35	8 46	*h then fairer.
29		4 36	9 40	except about the
30		4 38	10 37	*♀*♂. ♂♂♂♀
31		4 39	11 33	end som storm or thunder.

July 1684. Mutual Aspects.

D. 4 ♂♂ ♀. 11 * ♀♂. 14 * ♀ ♀. 18 * ♀ ♀. 19 ♀
El. Max. 23 * ♀. 29 ♂♂ ♀.

Latitudes of the Planets.	Day.	°.		°.		°.		°.		°.	
		1	2	3	4	5	6	7	8	9	10
	1	1 E. 6	1 E. 2	0 E. 9	0 A. 0	4 A. 8					
	11	1 6	1 2	1 0	1 3	3 6					
	21	1 6	1 2	1 0	2 1	1 2					

Days	o.	or	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.
1	19	78	6	2	1A.	01	4	18	0	12	9	4	6	16	5	
2	20	73	19	3	0B.	21	5	18	1	13	5	5	4	15	9	
3	21	69	25	8	1	5	1	6	18	3	14	2	6	2	15	4
4	22	64	16	4	2	6	1	7	18	5	14	9	7	0	14	5
5	23	59	0	3	3	6	1	9	18	6	15	5	7	8	14	4
6	24	55	14	2	4	5	2	0	18	8	16	2	8	6	14	1
7	25	50	28	3	5	0	2	1	18	9	16	8	9	4	13	8
8	26	46	12	3	5	3	2	2	19	1	17	5	10	1	13	5
9	27	41	26	4	5	2	2	3	19	3	18	1	10	9	13	4
10	28	37	10	5	4	9	2	4	19	5	18	8	11	6	13	D.4
11	29	33	24	5	4	2	2	5	19	6	19	4	12	3	13	5
12	0	28	8	6	3	3	2	6	19	8	20	1	13	0	13	7
13	1	24	22	6	2	2	2	7	20	0	20	8	13	7	14	0
14	2	19	6	7	5	0	9	2	8	20	1	21	4	14	4	4
15	3	15	20	2	0A.	3	3	0	20	3	22	1	15	0	14	8
16	4	10	3	8	1	5	3	1	20	5	22	7	15	7	15	4
17	5	06	17	0	2	7	3	2	20	7	23	4	16	3	16	1
18	6	02	29	9	3	6	3	3	20	9	24	0	16	5	16	9
19	6	98	12	6	4	4	3	4	21	1	24	6	17	5	17	7
20	7	93	24	9	4	9	3	5	21	2	25	3	18	0	18	7
21	8	89	7	0	5	2	3	7	21	4	25	9	18	5	19	8
22	9	85	18	9	5	2	3	8	21	6	26	6	19	0	21	0
23	10	80	0	8	5	1	3	9	21	8	27	2	19	4	22	3
24	11	76	12	5	4	7	4	0	22	0	27	9	19	9	23	7
25	12	72	24	4	4	1	4	2	22	2	28	5	20	3	25	2
26	13	68	6	4	3	4	4	3	22	4	29	2	20	7	26	7
27	14	64	18	7	2	4	4	4	22	6	29	8	21	0	28	3
28	15	60	1	3	1	4	4	5	22	8	0	4	21	3	29	9
29	16	56	14	3	0	2	4	6	22	9	1	1	21	6	1	6
30	17	52	27	6	1B.	0	4	8	23	1	1	7	21	9	3	4
31	18	48	11	4	2	2	4	9	23	3	2	4	22	1	5	2

August hath xxxi. days.

Lunations.	D.	H.	M.	M.	C.	Ale.	D.	St.	St.
● New Moon.	1	0	48	Mor.	X. 1	5. 6	6	14	9
☾ First Quarter.	7	6	52	Aft.	7. 13	11. 17	11	14	4
○ Full Moon.	15	1	1	Mor.	X. 19	5. 19	16	14	1
☾ Last Quarter.	23	3	36	Mor.	5. 8	11. 22	21	13	8
● New Moon.	30	10	20	Mor.	11. 21	m. 7	26	13	6

Days	Remarkable days, &c.	☉ Ri. h. m.	☾ South h. m.	Lunar Aspects, &c.
1		4 40	0A. 29	☉ ☉. Now follows
2		4 42	1 23	☉ ☉. cloudy weather or
3 E	10 Aft. Trin.	4 44	2 16	☉ ☉ ☉ ☉. rain, fairer
4		4 46	3 7	* ☉ * ☉ and good
5		4 48	3 58	* ☉ weather
6	☾ Perig.	4 49	4 49	* ☉ ☉ ☉. witho. much
7		4 51	5 42	☉ ☉. * ☉ * ☉ ☉ ☉
8		4 53	6 37	☉ ☉ ☉ ☉ alteration the
9		4 55	7 33	☉ ☉ ☉ ☉ ☉ ☉ some ti.
10 E	11 After Trin.	4 57	8 30	☉ ☉. ☉ ☉ cloudy, &c.
11		4 58	9 26	☉ ☉ fair weather
12	Day 14 hours.	5 0	10 21	☉ ☉. and temperate.
13		5 2	11 14	☉ ☉. a little heat, &c.
14		5 4	12 3	and variable.
15		5 6	0M. 3	☉ ☉ ☉ ☉ ☉ ☉ some stor.
16		5 8	0 50	☉ ☉ ☉ ☉ and rain,
17 E	12 After Trin.	5 10	1 34	clearing
18		5 12	2 16	☉ ☉. sometimes,
19	☾ Apog.	5 14	2 57	but now follows
20		5 16	3 39	☉ ☉ ☉ ☉. cooler cloudy
21		5 18	4 21	☉ ☉ ☉ ☉ ☉ ☉. with
22		5 20	5 6	☉ ☉. ☉ ☉ rain, winds
23		5 22	5 53	☉ ☉. * ☉ ☉ ☉ ☉ ☉
24 E	13. S. Barthol.	5 24	6 42	☉ ☉. clearing; but for
25		5 26	7 31	* ☉. * ☉ the most part,
26		5 27	8 30	* ☉. * ☉ * ☉ chiefly
27	Day 13 hours.	5 29	9 25	the 29. and 30. days,
28		5 31	10 21	☉ ☉ cloudy weather
29		5 33	11 16	☉ ☉ ☉ ☉. wet, & towards
30		5 35	0A. 10	☉ ☉ ☉ ☉. the end strong
31 E	14 After Trin.	5 37	1 3	☉ ☉ ☉ ☉. wi. clea. &c.

August 1684. Mutual Aspects.

D. 13 ☉ ♄ ♄ .16 ☉ ♄ ♄ .20 ☉ ♄ ♄ .22 ☉ ♄ ♄ .27 ☉ ♄ ♄ .
19 ☉ ♄ ♄ .

Latitudes of the Planets.	Day.		o.		o.		o.		o.		o.		o.	
	1	1E.	6	1	B.	1	1	B.	1	5	A.	0	0	B.
	11	1	6	1	1	1	1	6	9	1	7			
	21	1	6	1	1	1	2	3	3	1	3			

Days	☉	♄	♄	♄	Lat.	h	m	s	h	m	s	h	m	s	h	m	s
	o.		or	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.
1	19	45	25	4	3B.	3	5	0	23	5	3	0	22	3	7	1	
2	20	41	9m	7	4	2	5	1	23	7	3	7	22	5	9	0	
☉ 3	21	37	24	14	8	5	3	23	9	4	3	22	6	11	0		
4	22	33	8	6	5	1	5	4	24	1	4	9	22	7	13	0	
5	23	29	22	9	5	1	5	5	24	3	5	6	12	8	14	9	
6	24	25	7m	2	4	8	5	6	24	5	6	2	22R.	8	16	9	
7	25	22	21	3	4	2	5	8	24	7	6	9	21	8	18	9	
8	26	18	5	7	3	4	5	9	24	9	7	5	21	7	20	9	
9	27	15	19	1	2	3	6	0	25	1	8	1	21	6	22	9	
☉ 10	28	12	2	7	1	2	6	2	25	3	8	8	21	5	24	9	
11	29	08	16	2	0A.	0	6	3	25	5	9	4	22	3	26	9	
12	om	05	29	5	1	2	6	4	25	7	10	0	22	1	28	9	
13	1	01	12m	6	2	3	6	5	25	9	10	7	21	8	om	9	
14	1	98	25	6	3	3	6	7	26	1	11	3	21	5	2	8	
15	2	95	8	3	4	1	6	8	26	3	12	0	21	2	4	7	
16	3	92	20	7	4	6	6	9	26	5	12	6	20	8	6	6	
☉ 17	4	88	3	7	0	7	0	26	8	13	2	20	4	8	5		
18	5	85	15	0	5	1	7	2	27	0	13	9	20	0	10	4	
19	6	82	26	9	5	0	7	3	27	2	14	5	19	5	12	2	
20	7	79	8	7	4	7	7	4	27	4	15	1	19	0	14	1	
21	8	76	20	4	4	2	7	5	27	6	15	8	18	5	15	9	
22	9	73	2	11	4	3	5	7	27	8	16	4	17	5	17	7	
23	10	70	14	4	2	6	7	8	28	0	17	1	17	4	19	5	
☉ 24	11	67	26	7	1	6	7	9	28	2	17	7	16	8	21	3	
25	12	64	9	5	0	5	8	0	28	4	18	3	16	2	23	0	
26	13	61	22	3	0B.	6	8	2	28	6	19	0	15	6	24	7	
27	14	59	5	11	6	1	8	3	28	9	19	6	14	9	26	4	
28	15	56	19	5	2	9	8	4	29	1	20	3	14	3	28	1	
29	16	53	3m	7	3	8	8	5	29	3	20	9	13	7	29	7	
30	17	51	18	3	4	5	8	7	29	5	21	5	13	1	1	4	
☉ 31	18	48	3	1	4	9	8	8	29	7	22	1	12	5	3	0	

September hath xxx. days.

Lunations.	D.	H.	M.	M.	C.	Afc.	D.	18.	5.
								1	13 3
☾ First Quarter.	6	1	44.	Mor.	γ.	23	Ω.	11	6 13 0
☉ Full Moon.	13	3	53.	Aft.	τ.	2	ϖ.	29	11 12 7
☾ Last Quarter.	21	8	11.	Aft.	ω.	9	Π.	14	16 12 5
● New Moon.	28	7	31.	Aft.	ω.	5	Π.	10	21 12 2
								26	11 9

Days.	Remarkable days, &c.	☉ Ri. h. m.	☾ South h. m.	Lunar Aspects, &c.
1		5 38	1A. 57	*♂ Seasonable and
2	London Burnt. (5 40	2 50	*♂ indifferent
3	(D Per.	5 42	3 45	*♀.*☉.*☐.*♂ weather.
4		5 44	4 41	*♂ fair.
5		5 46	5 37	☐.*♂.*♀.*♂.*♀. som cold
6		5 48	6 34	☐.*☉.*♂.*♀.*♂.*♀. rai, abo.
7 E	15 After Trin.	5 50	7 31	☐.*♀.*♂.*♀.*♂.*♀. this tim.
8		5 52	8 25	☐.*☉.*♂.*♀.*♂.*♀. fair
9		5 54	9 18	☐.*♀.*♂.*♀.*♂.*♀. and good
10		5 56	10 8	☐.*♀.*♂.*♀.*♂.*♀. weather.
11		5 58	10 55	♂.*♂.*♂.*♀.*♂.*♀. rain &
12	Day 12 hours,	6 0	11 39	☐.*♀.*♂.*♀.*♂.*♀. cloudy weather.
13		6 2	12 22	♂.*☉.*♂.*♀.*♂.*♀. lofty and
14 E	16 After Trin.	6 4	0M. 22	☐.*♀.*♂.*♀.*♂.*♀. clearing winds.
15		6 6	1 4	♂.*♀.*♂.*♀.*♂.*♀. more wind and
16	D Apog.	6 8	1 45	☐.*♀.*♂.*♀.*♂.*♀. cloudy
17		6 10	2 28	☐.*♀.*♂.*♀.*♂.*♀. weather, &c.
18		6 12	3 12	☐.*♀.*♂.*♀.*♂.*♀. fairer.
19		6 14	3 57	☐.*♀.*♂.*♀.*♂.*♀. rain
20		6 16	4 45	☐.*♀.*♂.*♀.*♂.*♀. or cloudy, &c.
21 E	17 S. Matthew.	6 18	5 35	☐.*♀.*♂.*♀.*♂.*♀. a little cloudy,
22		6 20	6 28	*♂.*♀.*♂.*♀.*♂.*♀. fair and
23		6 22	7 22	*♂.*♀.*♂.*♀.*♂.*♀. some wind,
24		6 24	8 17	*♂.*♀.*♂.*♀.*♂.*♀. about the 26. look
25		6 26	9 10	♂.*♀.*♂.*♀.*♂.*♀. for rain.
26		6 28	10 4	♂.*♀.*♂.*♀.*♂.*♀. windy and
27	Day 11 hours.	6 30	10 57	♂.*♀.*♂.*♀.*♂.*♀. fair. 30 cloudy, &c.
28 E	18 After Trin.	6 32	11 53	*♂.*♀.*♂.*♀.*♂.*♀. fair. 30 cloudy, &c.
29	S. Michael.	6 33	0A. 45	*♂.*♀.*♂.*♀.*♂.*♀. fair. 30 cloudy, &c.
30	Perig.	6 35	1 40	*♂.*♀.*♂.*♀.*♂.*♀. fair. 30 cloudy, &c.

September 1684. Mutual Aspects.

D. 15 6 h 2. 15 6 2. 25 6 6 2. * 2 2. * 6 2.
28 7 El. Max. 30 * h 7:

Latitudes of the Planets.	Day.					
	1	11	21	1	11	21
	1	1	1	1	1	1
	1	1	1	1	1	1

Days	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.
1	19	46	18	0	5	8	9	29	9	22	7	11	9	4
2	20	43	2	8	4	8	9	0	0	1	23	4	11	4
3	21	41	17	5	4	2	9	2	0	3	24	0	10	8
4	22	39	17	9	3	4	9	3	0	6	24	6	10	3
5	23	36	16	0	2	4	9	4	0	8	25	2	9	8
6	24	34	29	7	1	2	9	5	1	0	25	9	9	3
7	25	32	13	7	1	0	1	9	7	1	2	26	5	3
8	26	30	26	3	1	9	8	1	4	27	1	8	5	15
9	27	28	9	3	2	9	9	1	6	27	8	8	1	17
10	28	26	22	13	1	10	0	1	9	28	4	7	8	18
11	29	25	4	7	3	9	10	2	2	1	29	0	7	5
12	0	23	17	14	5	10	3	2	3	29	6	7	2	21
13	1	21	29	3	4	9	10	4	2	5	0	7	0	22
14	2	19	11	4	5	0	10	5	2	7	0	9	6	9
15	3	18	23	4	4	9	10	6	2	9	1	5	6	7
16	4	16	5	3	4	6	10	8	3	2	2	1	6	7
17	5	15	17	14	1	10	9	3	4	2	8	6	6	28
18	6	13	29	0	3	5	11	0	3	6	3	4	6	29
19	7	12	10	2	6	11	1	3	8	4	0	6	7	0
20	8	11	22	9	1	7	11	2	4	0	4	6	6	8
21	9	09	5	10	6	11	3	4	2	5	3	6	9	3
22	10	07	17	6	5	11	5	4	4	5	9	7	1	4
23	11	06	0	5	1	6	11	6	4	7	6	5	7	3
24	12	05	13	8	2	6	11	7	4	9	7	1	7	5
25	13	04	27	6	3	6	11	8	5	1	7	8	7	7
26	14	03	11	9	4	3	11	9	5	3	8	4	8	0
27	15	02	26	5	4	8	12	0	5	5	9	0	8	3
28	16	01	11	5	5	0	12	2	5	7	9	6	8	7
29	17	01	26	7	4	8	12	3	6	0	10	3	9	1
30	18	00	11	8	4	3	12	4	6	2	10	5	9	5

October hath xxxi. days.

Lunations.	D.	H.	M.	M. C.	Afc.	D.	H.	M.
☾ First Quarter.	5	11	25. Mor.	☾. 14	☿. 13	6	11	4
☾ Full Moon.	13	9	24. Mor.	☿. 19	☿. 26	11	11	1
☾ Last Quarter.	21	11	6. Mor.	☾. 25	☿. 21	26	10	9
☾ New Moon	28	5	2. Mor.	☿. 27	☾. 20	21	10	6
						26	10	3

Days.	Remarkable days, &c.	☉ Ri.		☽ South.		Lunar Aspects, &c.
		h.	m.	h.	m.	
1		6	37	2A.	37	A troubled air, with hail
2		6	39	3	36	* ♃ □ ♄. □ ♀ □ ♁
3		6	41	4	36	* ☉. storms or rain for
4		6	43	5	34	□ ♃ Δ ♄ Δ ♁ Δ ♀ * ♀
5 E	19 After Trin.	6	45	6	30	□ ☉. 3 or 4 days
6		6	47	7	24	Δ ♃ then fairer, but
7		6	49	8	14	□ ♀. wind and clouds
8		6	51	9	1	Δ ☉. follow.
9		6	53	9	45	♂ ♁. ♂ ♀ ♂ ♂ Δ ♀
10		6	55	10	28	9 hail or rainy
11		6	57	11	9	♂ ♃ fairer
12 E	26 After Trin.	6	59	11	50	till after the
13	Day 10 hours.	7	0	12	32	♂ ☉. full Moon.
14	D. Apog.	7	2	0M.	32	Δ ♁. ♂ ♀ Δ ♀ Δ ♂
15		7	4	1	15	wind and clouds or wet.
16		7	6	2	0	Δ ♃ fairer.
17		7	8	2	47	□ ♁. □ ♀ □ ♂ corrain.
18	S. Luke Evang.	7	10	3	36	Δ ☉. after
19 E	21 After Trin.	7	12	4	27	□ ♃ Δ ♀. * ♁ clearer
20		7	14	5	19	* ♀ * ♂. more wet and
21		7	16	6	12	□ ☉ □ ♀. * ♁ blustering
22		7	18	7	4	unconstant
23	Term begins.	7	20	7	56	* ♀ * ☉ winds.
24		7	22	8	47	♂ ♁. ♂ ♂ ♂ ♀ hail &
25		7	24	9	39	♂ ♃ rain.
26 E	12 After Trin.	7	25	10	31	fairer, but
27	☽ Perig.	7	27	11	25	♂ ♃. variable winds
28	S. Sim. and Jude.	7	29	0A.	22	* ♁ ♂ ☉. and cloudy,
29	Day 9 hours.	7	30	1°	21	* ♂ * ♀. * ♃ moist,
30		7	32	2	22	□ ♁. or cold air & some
31		7	34	3	23	□ ♂ * ♀ □ ♀: rain,

October 1684. Mutual Aspects.

D. 3 6 h 8. 7 6 h 9. 11 * 6 9. 13 * 6 9. 17 * 6 9.
21. 6 9. 22 6 9. 27 * 6 9.

Latitudes of
the Planets.

Day.	o.	o.	o.	o.	o.
1	1 B. 7	1 B. 1	1 B. 3	3 A. 3	3 A. 0
11	1 7	1 1	3 1	3 1	8
21	1 8	1 1	4 0	1 0	3

Days	○	☾	☽	m	Lat.	h	m	☿	♈	♉	♊	♋	♌	♍	♎		
	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.		
1	18	95	26	8	3B.	5	12	5	6	4	11	5	9	9	13	6	
2	19	98	11	7	2	5	12	6	6	12	1	10	4	14	4		
3	20	98	25	9	1	3	12	7	6	8	12	7	10	9	15	1	
4	21	97	9	W	7	0	1	12	8	7	0	13	4	11	5	15	7
○ 5	12	97	13	3	1A.	1	12	9	7	2	14	0	12	0	16	3	
6	23	97	6	W	4	2	13	0	7	4	14	6	12	6	16	8	
7	24	96	19	2	3	1	13	1	7	7	15	2	13	2	17	2	
8	25	96	1	X	7	3	9	13	2	7	9	15	8	13	8	17	5
9	26	96	14	0	4	5	13	3	8	1	16	4	14	4	17	7	
10	27	95	26	1	4	9	13	4	8	3	17	0	15	1	17	R.7	
11	28	95	8	V	3	5	0	13	5	5	17	7	15	8	17	6	
○ 12	29	95	20	2	5	0	13	6	8	7	18	3	16	3	17	4	
13	om	95	2	0	14	7	13	7	8	9	18	9	17	2	17	0	
14	1	96	14	0	4	2	13	8	9	1	19	5	17	9	16	5	
15	2	96	25	8	3	5	13	9	9	3	20	1	18	6	15	8	
16	3	96	7	II	7	2	7	14	0	9	5	20	7	19	4	14	9
17	4	96	19	7	1	7	14	1	9	8	21	4	20	2	13	9	
18	5	96	1	5	8	0	7	14	2	10	0	22	0	21	0	12	8
○ 19	6	96	14	1	0B.	4	14	3	10	2	22	6	21	8	11	6	
20	7	96	26	6	1	5	14	4	10	4	23	2	22	6	10	3	
21	8	96	9	Ω	4	2	5	14	5	10	6	23	8	23	5	8	9
22	9	97	22	6	3	5	14	6	10	8	24	4	24	3	7	6	
23	10	97	6	μ	2	4	3	14	7	11	0	25	0	25	2	6	3
24	11	97	20	3	4	8	14	8	11	2	25	6	26	1	5	2	
25	12	98	4	∞	9	5	1	14	9	11	4	26	2	27	0	4	2
○ 26	13	98	19	8	5	0	14	9	11	6	26	5	27	9	3	3	
27	14	99	4	m	9	4	6	15	0	11	8	27	5	28	8	2	6
28	16	00	20	2	3	8	15	1	12	0	28	1	29	7	2	1	
29	17	00	5	7	4	2	8	15	2	12	2	28	7	0	∞6	1	8
30	18	01	20	3	1	6	15	3	12	4	29	3	1	6	1	D.7	
31	19	02	4	W	8	0	3	15	3	12	6	29	9	2	5	1	8

November hath xxx. days.

Lunations.	D.	H.	M.	M.	C.	Afc.	D.	Ω.	☾.
☾ First Quarter.	4	0	49.	Mor.	II.	4	11.	6	9
○ Full Moon	12	4	12.	Mor.	☿.	30	22.	11	9
☾ Last Quarter.	19	11	34.	Aft.	II.	3	11.	16	9
● New Moon.	26	3	15.	Aft.	☿.	1	II.	21	9
								26	8

Days.	Remarkable days, &c.	☉ Ri. h. m.	☾ South h. m.	Lunar Aspects, &c.
1	All Saints.	7 35	4 A. 23	☐☿△☿*☉ fair or fro.
2	E 13 Aft. Trin.	7 37	5 18	△☿☐☿.△☿ unconst.
3		7 39	6 11	△☿. wind, but fair
4		7 40	6 59	☐☉.△☿ most part.
5		7 42	7 44	☿☿ cold and
6		7 43	8 26	△☉ cloudy,
7		7 44	9 8	☿☿☿☿ rain.
8		7 46	9 48	☿☿. fair
9	E 24 After Trin.	7 47	10 29	weather follows
10	☾ Apog.	7 49	11 11	☿☿.△☿ wind and
11		7 50	11 56	clouds, but
12		7 51	12 42	☿☉.△☿ fair most pt.
13		7 53	0 M. 42	△☿△☿☐☿. cold
14		7 54	1 29	and troubled, with
15		7 56	2 20	☐☿.☐☿*☿△☿
16	E 25 After Trin.	7 57	3 11	☐☿. some rain,
17		7 59	4 3	△☉*☿ then
18	Day 8 hours.	8 0	4 55	*☿.*☿☐☿ fairer
19		8 1	5 45	☐☉ with some wind.
20		8 2	6 34	☿☿ more cold
21		8 3	7 22	*☿. and cloudy,
22		8 4	8 12	*☉☿☿☿☿ fair.
23	E 26 After Trin.	8 5	9 3	☿☿. perhaps rain.
24	☾ Perig.	8 6	9 57	*☿ cloudy with
25		8 7	10 53	☿☿ some wind
26		8 7	11 53	☿☉*☿☐☿*☿
27		8 8	0 A. 54	*☿ and moisture fall.
28	Term Ends.	8 9	1 56	☐☿△☿☐☿pt. fair.
29		8 9	2 56	☐☿ moist or cloudy
30	E S. Andrew. Adv	8 10	3 51	*☿. but seasonable.

169. 085207

fro.
 st.
 air
 rt.
 nd
 y,
 n.
 air
 s
 nd
 nt
 t.
 d
 b

Day.	o.	p.	o.	o.	o.
1	1	E. 8	1	E. 4	1
11	1	9	1	4	1
21	1	9	1	4	1

Days	☉	☽	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.	o.
120	03	19	0	0A.9	15	4	12	8	0	5	3	5	2	0	
221	04	22	6	1	15	5	12	9	1	1	4	4	2	4	
322	05	15	8	3	15	6	13	1	1	7	5	4	3	0	
423	06	18	6	3	9	15	6	13	3	2	3	6	4	3	7
524	07	11	X	0	4	6	13	5	2	9	7	4	4	5	
625	08	23	2	5	0	15	8	13	7	3	5	8	4	5	4
726	09	5	Y	3	5	2	15	8	13	9	4	1	9	4	6
827	10	17	2	5	1	15	9	14	1	4	7	10	4	7	6
928	11	19	1	4	8	16	0	14	3	5	3	11	4	8	7
1029	13	10	Y	9	4	3	16	0	14	4	5	9	12	5	9
1107	14	22	8	3	7	16	1	14	6	6	5	13	5	11	2
121	15	4	II	7	2	8	16	2	14	8	7	1	14	6	12
132	17	16	7	1	9	16	2	15	0	7	7	15	6	13	8
143	18	28	9	0	8	16	3	15	2	8	3	16	7	15	2
154	20	11	2	0B.	3	16	3	15	3	8	9	17	8	16	6
165	21	23	6	1	4	16	4	15	5	9	5	18	8	18	0
176	23	6	Ω	2	5	16	4	15	7	10	1	19	9	19	5
187	24	19	1	3	5	16	5	15	9	10	7	21	6	21	0
198	26	2	μ	3	4	3	16	5	16	0	11	3	22	0	22
209	27	15	8	4	8	16	6	16	2	11	9	23	1	23	9
2110	29	29	7	5	2	16	6	16	4	12	5	24	2	25	4
2211	30	13	9	5	2	16	7	16	5	13	1	25	3	26	9
2312	32	28	5	4	9	16	7	16	7	13	7	26	4	28	4
2413	33	13	m	4	4	2	16	8	16	9	14	3	27	5	29
2514	35	18	4	3	3	16	8	17	0	14	9	28	6	17	4
2615	37	13	7	5	2	1	16	8	17	2	15	5	29	7	3
2716	39	28	4	0	8	16	9	17	3	16	1	om	8	4	5
2817	41	13	yo	0A.	5	16	9	17	5	16	7	2	0	6	0
2918	43	27	3	1	8	16	9	17	7	17	3	3	1	7	5
3019	45	11	0	2	9	17	0	17	8	17	9	4	2	9	1

December hath xxxi. days.

Lunations.	D.	H.	M.	M. C.	Afc.	D.	℞.	℞.
☾ First Quarter.	3	5	50.	Afr.	℞. 19	℞. 19	6	8 4
○ Full Moon	11	10	44.	Afr.	℞. 14	℞. 17	11	7 9
☾ Last Quarter.	19	9	58.	Mor.	℞. 11	℞. 15	16	7 6
● New Moon.	26	2	43.	Mor.	℞. 25	℞. 10	21	7 4
							26	7 1

Days.	Remarkable days, &c.	☉ Ri.	South Lunar Aspects, &c.
		h. m.	h m.
1		8 10	4A. 43 Δ ♀ Δ ♂ * ☉. fair
2		8 11	5 30 Δ ♀. ☐ ♀ but some wind
3		8 11	6 14 ♂ h: ☐ ☉ and cloudy
4		8 12	6 56 weather, &c.
5		8 12	7 36 Δ ♀ ♂ ♀ clearing and
6		8 12	8 16 ♂ ♂ Δ ☉. fairer
7	E 2 in Advent.	8 13	8 57 ♂ ♀ weather,
8	☾ Apog.	8 13	9 40 Δ h. moist or cloudy
9		8 13	10 25 a little
10	Day 7 ho. 34 m.	8 13	11 13 ☐ h Δ ♀ cold and
11	Ecl. ☾ Vis.	8 13	12 3 Δ ♂. ♂ ♀ ♂ ☉
12		8 13	0M. 3 some wind stirring
13		8 13	0 55 * h Δ ♀ ☐ ♀. ☐ ♂
14	E 3 in Advent.	8 12	1 46 fair for the
15		8 12	2 38 * ♀ ☐ ♀ most
16		8 12	3 29 * ♂. Δ ♀ part.
17		8 11	4 18 Δ ☉. ♂ h cold and
18		8 11	5 7 * ♀. some rain or snow
19		8 10	5 54 ☐ ☉ ☐ ♀. windy and
20		8 10	6 42 ♂ ♀. ♂ ♂ variable. fair
21	E 4 S. Thomas Ap.	8 9	7 32 * ☉ * ♀ most part.
22	☾ Perig.	8 8	8 25 * h. some
23		8 8	9 21 ♂ ♀. rain or
24		8 7	10 21 ☐ h * ♀. snow.
25	Nat. of Christ.	8 6	11 22 * ♂. fairer. winds foll.
26	S. Stephen Prot.	8 6	0A. 24 ♂ ☉ Δ h ♂ ♀ ☐ ♀.
27	S. John Evang.	8 5	1 23 ☐ ♂. * ♀ & rain. threat
28	E Innocents.	8 4	2 17 Δ ♀ fairer
29		8 3	3 7 Δ ♂ ☐ ♀ a little more
30		8 2	3 54 ♂ h * ☉ rain, cold.
31		8 2	4 37 * ♀ & some wind.

D. $5 \square h 8.6 * \psi 8.9 + \delta 9.11 * h 8.19 \delta \odot 9$
 $24 \Delta h 8.26 \square \psi 8.27 \Delta \odot h.31 \square \odot \psi.$

Latitudes of the Planets.	Day.		o.		o.		o.		o.	
	1	2	B.	o	1	B.	4	B	6	A.
	11	2	o	1	3	1	4	2	6	1
	21	2	o	1	3	1	4	2	4	1

Days	○	+	+	+	Lar.	h	m	s	+	+	+	+	+	+	+	+	+	+
	o.		o.		o.	o.			o.		o.		o.		o.		o.	
1	20	46	14	4	3A	8	17	0	17	9	18	4	5	3	10	6		
2	21	48	7	X	3	4	6	17	0	18	1	19	0	6	5	12	2	
3	22	50	19	8	5	0	17	1	18	2	19	6	7	6	13	7		
4	23	52	2	Y	0	5	3	17	1	18	4	20	2	8	7	15	3	
5	24	54	14	1	5	2	17	1	18	5	20	8	8	9	16	8		
6	25	56	25	8	5	0	17	1	18	7	21	3	11	0	18	4		
7	26	58	7	0	6	4	6	17	1	18	8	21	9	12	2	19	9	
8	27	60	19	5	3	9	17	1	18	9	22	5	13	3	21	5		
9	28	61	1	II	4	3	1	17	2	19	1	23	1	14	5	23	1	
10	29	64	13	4	2	1	17	2	19	2	23	7	15	7	24	6		
11	0	66	25	6	1	1	17	2	19	3	24	3	16	8	26	2		
12	1	67	8	0	0	B	0	17	2	19	5	24	8	18	0	27	8	
13	2	69	10	5	1	2	17	2	19	6	25	4	19	2	29	3		
14	3	71	3	Ω	2	3	17	2	19	7	26	0	20	3	0	9		
15	4	73	16	2	3	3	17	2	19	8	26	6	21	5	2	5		
16	5	75	29	3	4	2	17	R	2	19	9	27	1	22	7	4	1	
17	6	77	12	m	7	4	8	17	2	20	0	27	7	23	8	5	7	
18	7	79	26	2	5	2	17	2	20	2	28	3	25	0	7	3		
19	8	81	9	9	5	3	17	2	20	3	28	8	26	2	8	9		
20	9	83	23	9	5	1	17	2	20	4	29	4	27	4	10	5		
21	10	85	8	m	1	4	6	17	2	20	5	om	0	28	5	12	2	
22	11	87	23	5	3	7	17	2	20	6	0	5	29	7	13	8		
23	12	89	7	f	3	2	7	17	2	20	7	1	1	0	f	9	15	4
24	13	91	22	0	1	4	17	1	20	8	1	7	2	1	17	1		
25	14	93	6	v	6	0	1	17	1	20	9	2	2	3	3	18	7	
26	15	95	21	1	A	3	17	1	20	9	2	8	4	5	20	4		
27	16	97	5	zz	3	2	5	17	1	21	0	3	3	5	7	22	1	
28	17	99	19	0	3	5	17	1	21	1	3	9	6	9	23	8		
29	18	01	2	X	4	4	3	17	1	21	2	4	5	8	0	25	4	
30	19	03	15	4	4	9	17	0	21	3	5	0	9	2	27	1		
31	20	05	27	9	5	2	17	0	21	4	5	6	10	4	28	8		

*Astrological Observations upon Quarterly
Ingresses, &c. for this Year 1684.*

deg. ho. mi.
 ☉ In ♍. 1683. December. 11 2 43.
 M.Cer. 2. Asc. II. 14. ♄ ad * ♄, & ♄.

THE ☉ of ♄ with ♄ in the 10th. with the
 Position and Aspect of ♄. may design some
 rash Attempts or popular Tumults, at least scrib-
 bling Controversies, wherein some may soon outwit
 themselves; and this concerns our City of Lon-
 don. Yet we doubt not but the Prudence of the
 superior Powers will quickly reduce these and
 other the like Enormities into a better and more
 harmonious Order. However, the ☉ of ♄ and
 ♄ about the beginning of *January* following, is
 of quarrellsom and mischievous Portent, especial-
 ly to those that have their principal Significators
 in the first five Degrees of ♊ or ♋. Several others
 are likewise concerned in those other opposite
 and forcible Aspects which happen near the latter
 end of the same Month, and also in *February*. And
 we verily hope upon good Grounds, that before
 the next *Vernal Equinox* the Turk will receive
 some farther Check, and perhaps be made more
 sensible of his barbarous Cruelties formerly exer-
 cised against *Christendom*, then many of our igno-
 rant Zealots are as yet of their Insolencies to our
 most gracious Sovereign, and Injuries offered un-
 to Art and Honesty. But this next following
 Scheme gives us some hopes of amendment.

...the 10th. with the Position and Aspect of ♄. may design some



In which, the sign ascending being fortunated by the presence of *Jupiter*, and the Moon passing from the * of ♀ to the Δ ♀, promisseth for the most part a healthy, happy and good Revolution of this Year. The Sun angular in the 7th, and free from ill aspects is well posited 2 and 6 with ♀ in the 8th with their Δ to ♄ on the cusp of the 12th, not much amiss: though perhaps in the New Moon Preventional, as also in the Full Moon postremum. ♄ in the Ascendant may be supposed a little scandalous or offensive to some; yet is the Δ ♄ of ♄ to the Ascendant in both the said Lunations of good significations; and more particularly several demonstrations of a most Gracious Prince will certainly prove very beneficial unto the generality of the people; not only during this vernal Quarter, but throughout all the rest of this Year. 1684. and now (if ever) will good and laudable Arts and Sciences, or whatsoever else may tend to the publick good, be encouraged. And if some that are called Christians would be really so, leaving off all ambitious sinister and self ends,

The Digits 1-9 are placed on
I bend at 45.28m. A little above the horizontal line.

For the benefit of our two great Luminaries will be
visible to the Inhabitants of the Earth this Year,
and by the calculation of an Astronomical friend, as
followeth.

The First is of the Sun on the Sixth day of January, at Night, and visible unto us, but to be seen all over the South America, and will be total in Peru and the North part of Brazil. The Partle defect will reach into the Atlantic Sea, as far as the Cape de verd Islands.

And from the Meridian of London,
It Begins at Sun Rising, 12.00 11.00.

In Lacinde.

Ends at Sun Setting. ————— 3:29 E. March

Ends at Sea. Sounding _____ 20 North.
In Latitude _____ 23

The Total Entrance—144 West.

The Total Entrance. 1144 50 1/2 Soub.

In Latitude _____
The True Course _____ 18.

The Total Eggs. ————— 19. Well. Nursh.

In Latitude: I. N.

Total in the Meridian. 80.

In Latitude. 24.4 South.

Touched on the South at Rifing. 135.

...Touched on the South at Kiling 121.5 122.5
...In Latitude 122.5 123.5

In Latitude.

Longitude

Touched on the South at Serping.—do 28 1/2

In Latitude, ~~33° 30'~~ 33° 30' North

Vol 10, No 1, 1988

The Second is a small Eclipse of the Moon, visible

arrived at us on the 17th. day of June in the morning. - 17

The Beginning at 2 hours.

The End at 2 hours 30 min.

The Semidiameter of the Moon. 16th Nov. To

The part deficient. 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 <

Digits Eclipsed. ϕ . 55° on the South part of A.

the

The Third Eclipse is of the Sun, visible unto

21 The Second day of July in the Afternoon, | 5. 16. 21

24 Q1 The Beginning at 2 h. 10 m. about 45" from the

...to the Right hand.

The

The End at 4h. 28m. A little above the Horizontal line,
The Digits Eclipsed at the middle are 7 $\frac{1}{2}$ on
the South part.

And in Longitude from London in the Parallel thereof,
This Eclipse Ends at Sun Rising, 8 $\frac{1}{2}$ 30 $\frac{1}{2}$

Begins at Sun Rising, 8 $\frac{1}{2}$ 30 $\frac{1}{2}$
Ends at Sun Setting, 6 $\frac{1}{2}$ 15 $\frac{1}{2}$

Begins at Sun Setting, 6 $\frac{1}{2}$ 15 $\frac{1}{2}$

The Central Eclipse passeth over the Azores, the Coast of Barabary, and Egypt.

The Fourth Eclipse is of the Moon, visible unto us
on the 21th. of December at Night.

The Beginning at 9 hours, 23 min.

The End at 12 hours, 30 min.

The Semidiameter of the Moon 17' 10"

The part deficient 10' 30"

Digits Eclipsed, 7. 49 $\frac{1}{2}$ on the North part.

The Fifth is an Eclipse of the Sun, Invisible unto us,
on the 26th of December in the Morning; which falls
mostly in the South Terra Incognita; But it will be
visible in Hollands New, Anthony van Diemens Land,
and new Zealand: but the Total defect falls all to the
Southward of those parts of the World our Navigations
have as yet discovered.

Examples for finding the true time of the Nights by
the given time of the Southing of the Moon and the
Shadow which she casteth on a Sun-Dial.

1. Suppose that on the Night following the 17. day
of January this year, I see the Shadow which the Moon
casteth on a Sun-Dial exactly on the hour of 40 and $\frac{1}{2}$
Afternoon, that is, wanting 1 hour and $\frac{1}{2}$ of Southing.

Then in the first page of this Ephemeris finding the
Moons Southing Jan. 17. at 8 h. 12 m. and also
16. at 7 h. 13 m. I take the difference which is
48 m. and say (by proportion) as 48 hours is to 48
min.

min. 10 is 1 h. 30 m. which the shadow wanted of
 Southing, to 3 m. the sum of which and the said 1 h.
 30 min. is 2 h. 30 m. which is the true time of the
 3 m. the residue is 6 h. 30 m. the exact sum of the
 Night.

2. Again, suppose that in the same Night the Moon
 had call her shadow just on 4 hours Afternoon. In
 the last first page finding a Southing $7^{\circ} 17'$ at 11
 3 m. and the difference between this and the next
 following Southing is 1 hour, 24 m. 30 s. so
 is 5 hours, 14 m. and the sum of 2 h. 30 m. and 6
 h. 14 m. is 8 h. 44 m. that is 2 h. 44 m. of the Day of
 Jan. in the Morning, the true time of the Night, re-
 quired.

And More, that if you see the said shadow just upon
 11 h. then is the time of a Southing the last time of the
 Night, which is also exactly enough known by seeing
 her Nightly Rising or Setting, the time thereof being
 given in my Table before the Ephemeris, accommo-
 dated to the parallel of London, in and near which, it
 will well serve within 7 or 8 degrees of its Meridian.

But the Time Rising or Setting of the Luminaries be-
 ing only given in our Tables, and (by reason of Re-
 fraction and Parallax) the difference between their
 True and Visible Rising and Setting, being in our La-
 titude about 2 or 3 minutes of time.

From the given time of Sun Rising Subtract 2 mi-
 nutes, or Add so much to his Setting; Except when he
 is within 40 degrees of either of the Equinoctial Points;
 then Subtract or Add 3 min.

Contrarily, To the given time of Moon Rising Add
 3 minutes, or Subtract so much from her Setting; Ex-
 cept when she is in more than 18 degrees of Declination,
 then Add or Subtract 2 min.

So shall you not exactly have the time of the visible
 Rising or Setting of either Luminary, in our said

Parallels	11	0	22	9	0	22	7	0	24	2	7	48	24	08	1	05
0 24 11	0	22	9	0	22	7	0	24	2	8	82	22	04	1	75	A
7 22 11	7	0	01	4	0	8	2	12	2	0	54	20	44	1	85	
2 22 11	2	4	01	0	4	8	0	22	2	1	74	28	74	1	95	
0 0 21	4	8	01	8	8	3	0	0	0	5	12	20	12	1	05	

Table for finding the true Ascension Time
41 to 57 Degrees of North Latitude.

M.O.	1st		2nd		3rd		4th		5th		6th		7th		8th		9th		10th		11th		12th		13th		14th		15th		16th		17th		18th		19th		20th		21st		22nd		23rd		24th		25th		26th		27th		28th		29th		30th		31st		32nd		33rd		34th		35th		36th		37th		38th		39th		40th		41st		42nd		43rd		44th		45th		46th		47th		48th		49th		50th		51st		52nd		53rd		54th		55th		56th		57th		58th		59th		60th		61st		62nd		63rd		64th		65th		66th		67th		68th		69th		70th		71st		72nd		73rd		74th		75th		76th		77th		78th		79th		80th		81st		82nd		83rd		84th		85th		86th		87th		88th		89th		90th		91st		92nd		93rd		94th		95th		96th		97th		98th		99th		100th		101st		102nd		103rd		104th		105th		106th		107th		108th		109th		110th		111st		112nd		113rd		114th		115th		116th		117th		118th		119th		120th		121st		122nd		123rd		124th		125th		126th		127th		128th		129th		130th		131st		132nd		133rd		134th		135th		136th		137th		138th		139th		140th		141st		142nd		143rd		144th		145th		146th		147th		148th		149th		150th		151st		152nd		153rd		154th		155th		156th		157th		158th		159th		160th		161st		162nd		163rd		164th		165th		166th		167th		168th		169th		170th		171st		172nd		173rd		174th		175th		176th		177th		178th		179th		180th		181st		182nd		183rd		184th		185th		186th		187th		188th		189th		190th		191st		192nd		193rd		194th		195th		196th		197th		198th		199th		200th		201st		202nd		203rd		204th		205th		206th		207th		208th		209th		210th		211st		212nd		213rd		214th		215th		216th		217th		218th		219th		220th		221st		222nd		223rd		224th		225th		226th		227th		228th		229th		230th		231st		232nd		233rd		234th		235th		236th		237th		238th		239th		240th		241st		242nd		243rd		244th		245th		246th		247th		248th		249th		250th		251st		252nd		253rd		254th		255th		256th		257th		258th		259th		260th		261st		262nd		263rd		264th		265th		266th		267th		268th		269th		270th		271st		272nd		273rd		274th		275th		276th		277th		278th		279th		280th		281st		282nd		283rd		284th		285th		286th		287th		288th		289th		290th		291st		292nd		293rd		294th		295th		296th		297th		298th		299th		300th		301st		302nd		303rd		304th		305th		306th		307th		308th		309th		310th		311st		312nd		313rd		314th		315th		316th		317th		318th		319th		320th		321st		322nd		323rd		324th		325th		326th		327th		328th		329th		330th		331st		332nd		333rd		334th		335th		336th		337th		338th		339th		340th		341st		342nd		343rd		344th		345th		346th		347th		348th		349th		350th		351st		352nd		353rd		354th		355th		356th		357th		358th		359th		360th		361st		362nd		363rd		364th		365th		366th		367th		368th		369th		370th		371st		372nd		373rd		374th		375th		376th		377th		378th		379th		380th		381st		382nd		383rd		384th		385th		386th		387th		388th		389th		390th		391st		392nd		393rd		394th		395th		396th		397th		398th		399th		400th		401st		402nd		403rd		404th		405th		406th		407th		408th		409th		410th		411st		412nd		413rd		414th		415th		416th		417th		418th		419th		420th		421st		422nd		423rd		424th		425th		426th		427th		428th		429th		430th		431st		432nd		433rd		434th		435th		436th		437th		438th		439th		440th		441st		442nd		443rd		444th		445th		446th		447th		448th		449th		450th		451st		452nd		453rd		454th		455th		456th		457th		458th		459th		460th		461st		462nd		463rd		464th		465th		466th		467th		468th		469th		470th		471st		472nd		473rd		474th		475th		476th		477th		478th		479th		480th		481st		482nd		483rd		484th		485th		486th		487th		488th		489th		490th		491st		492nd		493rd		494th		495th		496th		497th		498th		499th		500th		501st		502nd		503rd		504th		505th		506th		507th		508th		509th		510th		511st		512nd		513rd		514th		515th		516th		517th		518th		519th		520th		521st		522nd		523rd		524th		525th		526th		527th		528th		529th		530th		531st		532nd		533rd		534th		535th		536th		537th		538th		539th		540th		541st		542nd		543rd		544th		545th		546th		547th		548th		549th		550th		551st		552nd		553rd		554th		555th		556th		557th		558th		559th		560th		561st		562nd		563rd		564th		565th		566th		567th		568th		569th		570th		571st		572nd		573rd		574th		575th		576th		577th		578th		579th		580th		581st		582nd		583rd		584th		585th		586th		587th		588th		589th		590th		591st		592nd		593rd		594th		595th		596th		597th		598th		599th		600th		601st		602nd		603rd		604th		605th		606th		607th		608th		609th		610th		611st		612nd		613rd		614th		615th		616th		617th		618th		619th		620th		621st		622nd		623rd		624th		625th		626th		627th		628th		629th		630th		631st		632nd		633rd		634th		635th		636th		637th		638th		639th		640th		641st		642nd		643rd		644th		645th		646th		647th		648th		649th		650th		651st		652nd		653rd		654th		655th		656th		657th		658th		659th		660th		661st		662nd		663rd		664th		665th		666th		667th		668th		669th		670th		671st		672nd		673rd		674th		675th		676th		677th		678th		679th		680th		681st		682nd		683rd		684th		685th		686th		687th		688th		689th		690th		691st		692nd		693rd		694th		695th		696th		697th		698th		699th		700th		701st		702nd		703rd		704th		705th		706th		707th		708th		709th		710th		711st		712nd		713rd		714th		715th		716th		717th		718th		719th		720th		721st		722nd		723rd		724th		725th		726th		727th		728th		729th		730th		731st		732nd		733rd		734th		735th		736th		737th		738th		739th		740th		741st		742nd		743rd		744th		745th		746th		747th		748th		749th		750th		751st		752nd		753rd		754th		755th		756th		757th		758th		759th		760th		761st		762nd		763rd		764th		765th		766th		767th		768th		769th		770th		771st		772nd		773rd		774th		775th		776th		777th		778th		779th		780th		781st		782nd		783rd		784th		785th		786th		787th		788th		789th		790th		791st		792nd		793rd		794th		795th		796th		797th		798th		799th		800th		801st		802nd		803rd		804th		805th		806th		807th		808th		809th		810th		811st		812nd		813rd		814th		815th		816th		817th		818th		819th		820th		821st		822nd		823rd		824th		825th		826th		827th		828th		829th		830th		831st		832nd		833rd		834th		835th		836th		837th		838th		839th		840th		841st		842nd		843rd		844th		845th		846th		847th		848th		849th		850th		851st		852nd		853rd		854th		855th		856th		857th		858th		859th		860th		861st		862nd		863rd		864th		865th		866th		867th		868th		869th		870th		871st		872nd		873rd		874th		875th		876th		877th		878th		879th		880th		881st		882nd		883rd		884th		885th		886th		887th		888th		889th		890th		891st		892nd		893rd		894th		895th		896th		897th		898th		899th		900th		901st		902nd		903rd		904th		905th		906th		907th		908th		909th		910th		911st		912nd		913rd		914th		915th		916th		917th		918th		919th		920th		921st		922nd		923rd		924th		925th		926th		927th		928th		929th		930th		931st		932nd		933rd		934th		935th		936th		937th		938th		939th		940th		941st		942nd		943rd		944th		945th		946th		947th		948th		949th		950th		951st		952nd		953rd		954th		955th		956th		957th		958th		959th		960th		961st		962nd		963rd		964th		965th		966th		967th		968th		969th		970th		971st		972nd		973rd		974th		975th		976th		977th		978th		979th		980th		981st		982nd		983rd		984th		985th		986th		987th		988th		989th		990th		991st		992nd		993rd		994th		995th		996th		997th		998th		999th		1000th		1001st		1002nd		1003rd		1004th		1005th		1006th		1007th		1008th		1009th		1010th		1011st		1012nd		1013rd		1014th		1015th		1016th		1017th		1018th		1019th		1020th		1021st		1022nd		1023rd		1024th		1025th		1026th		1027th		1028th		1029th		1030th		1031st		1032nd		1033rd		1034th		1035th		1036th		1037th	
------	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	-----	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--

**A Table for finding the true Ascendent from
44 to 17 Degrees of North Latitude.**

M.C.	S.	145	Afc. in Lat.	O.M.
31 0	0 40	0 20	0 20	0 20
3 30	0 40	2 30	2 40	2 20
6 00	0 40	5 00	4 20	4 30
9 30	0 40	7 30	7 10	6 40
12 00	0 40	9 00	9 00	8 30
15 30	0 40	12 40	12 00	11 10
18 00	0 40	14 30	14 40	13 30
21 30	0 40	17 00	16 30	15 30
24 00	0 40	19 30	18 30	17 30
27 30	0 40	22 00	20 30	19 30
30 00	0 40	24 30	22 30	21 30
1 30	0 40	26 00	24 30	23 30
4 00	0 40	28 30	26 30	25 30
7 30	0 40	31 00	28 30	27 30
10 00	0 40	3 30	30 30	29 30
13 30	0 40	6 00	32 30	31 30
16 00	0 40	8 30	34 30	33 30
19 30	0 40	11 00	36 30	35 30
22 00	0 40	13 30	38 30	37 30
25 30	0 40	16 00	40 30	39 30
28 00	0 40	18 30	42 30	41 30
31 30	0 40	21 00	44 30	43 30
3 00	0 40	23 30	46 30	45 30
6 30	0 40	26 00	48 30	47 30
9 00	0 40	28 30	50 30	49 30
12 30	0 40	31 00	52 30	51 30
15 00	0 40	3 30	54 30	53 30
18 30	0 40	6 00	56 30	55 30
21 00	0 40	8 30	58 30	57 30
24 30	0 40	11 00	60 30	59 30
27 00	0 40	13 30	62 30	61 30
30 30	0 40	16 00	64 30	63 30
1 00	0 40	18 30	66 30	65 30
4 30	0 40	21 00	68 30	67 30
7 00	0 40	23 30	70 30	69 30
10 30	0 40	26 00	72 30	71 30
13 00	0 40	28 30	74 30	73 30
16 30	0 40	31 00	76 30	75 30
19 00	0 40	3 30	78 30	77 30
22 30	0 40	6 00	80 30	79 30
25 00	0 40	8 30	82 30	81 30
28 30	0 40	11 00	84 30	83 30
31 00	0 40	13 30	86 30	85 30
3 30	0 40	16 00	88 30	87 30
6 00	0 40	18 30	90 30	89 30
9 30	0 40	21 00	92 30	91 30
12 00	0 40	23 30	94 30	93 30
15 30	0 40	26 00	96 30	95 30
18 00	0 40	28 30	98 30	97 30
21 30	0 40	31 00	100 30	99 30
24 00	0 40	3 30	102 30	101 30
27 30	0 40	6 00	104 30	103 30
30 00	0 40	8 30	106 30	105 30
3 30	0 40	11 00	108 30	107 30
6 00	0 40	13 30	110 30	109 30
9 30	0 40	16 00	112 30	111 30
12 00	0 40	18 30	114 30	113 30
15 30	0 40	21 00	116 30	115 30
18 00	0 40	23 30	118 30	117 30
21 30	0 40	26 00	120 30	119 30
24 00	0 40	28 30	122 30	121 30
27 30	0 40	31 00	124 30	123 30
30 00	0 40	3 30	126 30	125 30
3 30	0 40	6 00	128 30	127 30
6 00	0 40	8 30	130 30	129 30
9 30	0 40	11 00	132 30	131 30
12 00	0 40	13 30	134 30	133 30
15 30	0 40	16 00	136 30	135 30
18 00	0 40	18 30	138 30	137 30
21 30	0 40	21 00	140 30	139 30
24 00	0 40	23 30	142 30	141 30
27 30	0 40	26 00	144 30	143 30
30 00	0 40	28 30	146 30	145 30
3 30	0 40	31 00	148 30	147 30
6 00	0 40	3 30	150 30	149 30
9 30	0 40	6 00	152 30	151 30
12 00	0 40	8 30	154 30	153 30
15 30	0 40	11 00	156 30	155 30
18 00	0 40	13 30	158 30	157 30
21 30	0 40	16 00	160 30	159 30
24 00	0 40	18 30	162 30	161 30
27 30	0 40	21 00	164 30	163 30
30 00	0 40	23 30	166 30	165 30
3 30	0 40	26 00	168 30	167 30
6 00	0 40	28 30	170 30	169 30
9 30	0 40	31 00	172 30	171 30
12 00	0 40	3 30	174 30	173 30
15 30	0 40	6 00	176 30	175 30
18 00	0 40	8 30	178 30	177 30
21 30	0 40	11 00	180 30	179 30
24 00	0 40	13 30	182 30	181 30
27 30	0 40	16 00	184 30	183 30
30 00	0 40	18 30	186 30	185 30
3 30	0 40	21 00	188 30	187 30
6 00	0 40	23 30	190 30	189 30
9 30	0 40	26 00	192 30	191 30
12 00	0 40	28 30	194 30	193 30
15 30	0 40	31 00	196 30	195 30
18 00	0 40	3 30	198 30	197 30
21 30	0 40	6 00	200 30	199 30
24 00	0 40	8 30	202 30	201 30
27 30	0 40	11 00	204 30	203 30
30 00	0 40	13 30	206 30	205 30
3 30	0 40	16 00	208 30	207 30
6 00	0 40	18 30	210 30	209 30
9 30	0 40	21 00	212 30	211 30
12 00	0 40	23 30	214 30	213 30
15 30	0 40	26 00	216 30	215 30
18 00	0 40	28 30	218 30	217 30
21 30	0 40	31 00	220 30	219 30
24 00	0 40	3 30	222 30	221 30
27 30	0 40	6 00	224 30	223 30
30 00	0 40	8 30	226 30	225 30
3 30	0 40	11 00	228 30	227 30
6 00	0 40	13 30	230 30	229 30
9 30	0 40	16 00	232 30	231 30
12 00	0 40	18 30	234 30	233 30
15 30	0 40	21 00	236 30	235 30
18 00	0 40	23 30	238 30	237 30
21 30	0 40	26 00	240 30	239 30
24 00	0 40	28 30	242 30	241 30
27 30	0 40	31 00	244 30	243 30
30 00	0 40	3 30	246 30	245 30
3 30	0 40	6 00	248 30	247 30
6 00	0 40	8 30	250 30	249 30
9 30	0 40	11 00	252 30	251 30
12 00	0 40	13 30	254 30	253 30
15 30	0 40	16 00	256 30	255 30
18 00	0 40	18 30	258 30	257 30
21 30	0 40	21 00	260 30	259 30
24 00	0 40	23 30	262 30	261 30
27 30	0 40	26 00	264 30	263 30
30 00	0 40	28 30	266 30	265 30
3 30	0 40	31 00	268 30	267 30
6 00	0 40	3 30	270 30	269 30
9 30	0 40	6 00	272 30	271 30
12 00	0 40	8 30	274 30	273 30
15 30	0 40	11 00	276 30	275 30
18 00	0 40	13 30	278 30	277 30
21 30	0 40	16 00	280 30	279 30
24 00	0 40	18 30	282 30	281 30
27 30	0 40	21 00	284 30	283 30
30 00	0 40	23 30	286 30	285 30
3 30	0 40	26 00	288 30	287 30
6 00	0 40	28 30	290 30	289 30
9 30	0 40	31 00	292 30	291 30
12 00	0 40	3 30	294 30	293 30
15 30	0 40	6 00	296 30	295 30
18 00	0 40	8 30	298 30	297 30
21 30	0 40	11 00	300 30	299 30
24 00	0 40	13 30	302 30	301 30
27 30	0 40	16 00	304 30	303 30
30 00	0 40	18 30	306 30	305 30
3 30	0 40	21 00	308 30	307 30
6 00	0 40	23 30	310 30	309 30
9 30	0 40	26 00	312 30	311 30
12 00	0 40	28 30	314 30	313 30
15 30	0 40	31 00	316 30	315 30
18 00	0 40	3 30	318 30	317 30
21 30	0 40	6 00	320 30	319 30
24 00	0 40	8 30	322 30	321 30
27 30	0 40	11 00	324 30	323 30
30 00	0 40	13 30	326 30	325 30
3 30	0 40	16 00	328 30	327 30
6 00	0 40	18 30	330 30	329 30
9 30	0 40	21 00	332 30	331 30
12 00	0 40	23 30	334 30	333 30
15 30	0 40	26 00	336 30	335 30
18 00	0 40	28 30	338 30	337 30
21 30	0 40	31 00	340 30	339 30
24 00	0 40	3 30	342 30	341 30
27 30	0 40	6 00	344 30	343 30
30 00	0 40	8 30	346 30	345 30
3 30	0 40	11 00	348 30	347 30
6 00	0 40	13 30	350 30	349 30
9 30	0 40	16 00	352 30	351 30
12 00	0 40	18 30	354 30	353 30
15 30	0 40	21 00	356 30	355 30
18 00	0 40	23 30	358 30	357 30
21 30	0 40	26 00	360 30	359 30
24 00	0 40	28 30	362 30	361 30
27 30	0 40	31 00	364 30	363 30
30 00	0 40	3 30	366 30	365 30
3 30	0 40	6 00	368 30	367 30
6 00	0 40	8 30	370 30	369 30
9 30	0 40	11 00	372 30	371 30
12 00	0 40	13 30	374 30	373 30
15 30	0 40	16 00	376 30	375 30
18 00	0 40	18 30	378 30	377 30
21 30	0 40	21 00	380 30	379 30
24 00	0 40	23 30	382 30	381 30
27 30	0 40	26 00	384 30	383 30
30 00	0 40	28 30	386 30	385 30
3 30	0 40	31 00	388 30	387 30
6 00	0 40	3 30	390 30	389 30
9 30	0 40	6 00	392 30	391 30
12 00	0 40	8 30	394 30	393 30
15 30	0 40	11 00	396 30	395 30
18 00	0 40	13 30	398 30	397 30
21 30	0 40	16 00	400 30	399 30
24 00	0 40	18 30	402 30	401 30
27 30	0 40	21 00	404 30	403 30
30 00	0 40	23 30	406 30	405 30
3 30	0 40	26 00	408 30	407 30
6 00	0 40	28 30	410 30	409 30
9 30	0 40	31 00	412 30	411 30
12 00	0 40	3 30	414 30	413 30
15 30	0 40	6 00	416 30	415 30
18 00	0 40	8 30	418 30	417 30
21 30	0 40	11 00	420 30	419 30
24 00	0 40	13 30	422 30	421 30
27 30	0 40	16 00	424 30	423 30
30 00	0 40	18 30	426 30	425 30
3 30	0 40	21 00	428 30	427 30
6 00	0 40	23 30	430 30	429 30
9 30	0 40	26 00	432 30	431 30
12 00	0 40	28 30	434 30	433 30
15 30	0 40	31 00	436 30	435 30
18 00	0 40	3 30	438 30	437 30

A Table for finding the true Ascension
 41 to 42 Degrees of North Latitude

M.C.		A.C.		P.L.		C.M.	
S	2	3	4	5	6	7	8
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0

A Table for finding the true Altitude from
 42 to 99 Degrees of North Latitude.

M.C.	JAN										M
S	0	1	2	3	4	5	6	7	8	9	2
W	0	1	2	3	4	5	6	7	8	9	2
15	16	17	18	19	20	21	22	23	24	25	
16	17	18	19	20	21	22	23	24	25	26	
17	18	19	20	21	22	23	24	25	26	27	
18	19	20	21	22	23	24	25	26	27	28	
19	20	21	22	23	24	25	26	27	28	29	
20	21	22	23	24	25	26	27	28	29	30	
21	22	23	24	25	26	27	28	29	30	31	
22	23	24	25	26	27	28	29	30	31	32	
23	24	25	26	27	28	29	30	31	32	33	
24	25	26	27	28	29	30	31	32	33	34	
25	26	27	28	29	30	31	32	33	34	35	
26	27	28	29	30	31	32	33	34	35	36	
27	28	29	30	31	32	33	34	35	36	37	
28	29	30	31	32	33	34	35	36	37	38	
29	30	31	32	33	34	35	36	37	38	39	
30	31	32	33	34	35	36	37	38	39	40	
31	32	33	34	35	36	37	38	39	40	41	
32	33	34	35	36	37	38	39	40	41	42	
33	34	35	36	37	38	39	40	41	42	43	
34	35	36	37	38	39	40	41	42	43	44	
35	36	37	38	39	40	41	42	43	44	45	
36	37	38	39	40	41	42	43	44	45	46	
37	38	39	40	41	42	43	44	45	46	47	
38	39	40	41	42	43	44	45	46	47	48	
39	40	41	42	43	44	45	46	47	48	49	
40	41	42	43	44	45	46	47	48	49	50	
41	42	43	44	45	46	47	48	49	50	51	
42	43	44	45	46	47	48	49	50	51	52	
43	44	45	46	47	48	49	50	51	52	53	
44	45	46	47	48	49	50	51	52	53	54	
45	46	47	48	49	50	51	52	53	54	55	
46	47	48	49	50	51	52	53	54	55	56	
47	48	49	50	51	52	53	54	55	56	57	
48	49	50	51	52	53	54	55	56	57	58	
49	50	51	52	53	54	55	56	57	58	59	
50	51	52	53	54	55	56	57	58	59	60	
51	52	53	54	55	56	57	58	59	60	61	
52	53	54	55	56	57	58	59	60	61	62	
53	54	55	56	57	58	59	60	61	62	63	
54	55	56	57	58	59	60	61	62	63	64	
55	56	57	58	59	60	61	62	63	64	65	
56	57	58	59	60	61	62	63	64	65	66	
57	58	59	60	61	62	63	64	65	66	67	
58	59	60	61	62	63	64	65	66	67	68	
59	60	61	62	63	64	65	66	67	68	69	
60	61	62	63	64	65	66	67	68	69	70	
61	62	63	64	65	66	67	68	69	70	71	
62	63	64	65	66	67	68	69	70	71	72	
63	64	65	66	67	68	69	70	71	72	73	
64	65	66	67	68	69	70	71	72	73	74	
65	66	67	68	69	70	71	72	73	74	75	
66	67	68	69	70	71	72	73	74	75	76	
67	68	69	70	71	72	73	74	75	76	77	
68	69	70	71	72	73	74	75	76	77	78	
69	70	71	72	73	74	75	76	77	78	79	
70	71	72	73	74	75	76	77	78	79	80	
71	72	73	74	75	76	77	78	79	80	81	
72	73	74	75	76	77	78	79	80	81	82	
73	74	75	76	77	78	79	80	81	82	83	
74	75	76	77	78	79	80	81	82	83	84	
75	76	77	78	79	80	81	82	83	84	85	
76	77	78	79	80	81	82	83	84	85	86	
77	78	79	80	81	82	83	84	85	86	87	
78	79	80	81	82	83	84	85	86	87	88	
79	80	81	82	83	84	85	86	87	88	89	
80	81	82	83	84	85	86	87	88	89	90	
81	82	83	84	85	86	87	88	89	90	91	
82	83	84	85	86	87	88	89	90	91	92	
83	84	85	86	87	88	89	90	91	92	93	
84	85	86	87	88	89	90	91	92	93	94	
85	86	87	88	89	90	91	92	93	94	95	
86	87	88	89	90	91	92	93	94	95	96	
87	88	89	90	91	92	93	94	95	96	97	
88	89	90	91	92	93	94	95	96	97	98	
89	90	91	92	93	94	95	96	97	98	99	
90	91	92	93	94	95	96	97	98	99	100	

A

A Table of Houses for Latitude 41 and 42 N.

Latitude 41 N.												Latitude 42 N.											
Hour	1	2	3	4	5	6	7	8	9	10	11	Hour	1	2	3	4	5	6	7	8	9	10	11
1	11	23	35	47	59	71	83	95	107	119	131	6	18	30	42	54	66	78	90	102	114	126	138
2	22	34	46	58	70	82	94	106	118	130	142	19	31	43	55	67	79	91	103	115	127	139	151
3	33	45	57	69	81	93	105	117	129	141	153	30	42	54	66	78	90	102	114	126	138	150	162
4	44	56	68	80	92	104	116	128	140	152	164	41	53	65	77	89	101	113	125	137	149	161	173
5	55	67	79	91	103	115	127	139	151	163	175	52	64	76	88	100	112	124	136	148	160	172	184
6	6	18	30	42	54	66	78	90	102	114	126	63	75	87	99	111	123	135	147	159	171	183	195
7	17	29	41	53	65	77	89	101	113	125	137	74	86	98	110	122	134	146	158	170	182	194	206
8	28	40	52	64	76	88	100	112	124	136	148	85	97	109	121	133	145	157	169	181	193	205	217
9	39	51	63	75	87	99	111	123	135	147	159	96	108	120	132	144	156	168	180	192	204	216	228
10	50	62	74	86	98	110	122	134	146	158	170	107	119	131	143	155	167	179	191	203	215	227	239
11	61	73	85	97	109	121	133	145	157	169	181	118	130	142	154	166	178	190	202	214	226	238	250
12	72	84	96	108	120	132	144	156	168	180	192	129	141	153	165	177	189	201	213	225	237	249	261
13	83	95	107	119	131	143	155	167	179	191	203	140	152	164	176	188	200	212	224	236	248	260	272
14	94	106	118	130	142	154	166	178	190	202	214	151	163	175	187	199	211	223	235	247	259	271	283
15	105	117	129	141	153	165	177	189	201	213	225	162	174	186	198	210	222	234	246	258	270	282	294
16	116	128	140	152	164	176	188	200	212	224	236	173	185	197	209	221	233	245	257	269	281	293	305
17	127	139	151	163	175	187	199	211	223	235	247	184	196	208	220	232	244	256	268	280	292	304	316
18	138	150	162	174	186	198	210	222	234	246	258	195	207	219	231	243	255	267	279	291	303	315	327
19	149	161	173	185	197	209	221	233	245	257	269	206	218	230	242	254	266	278	290	302	314	326	338
20	160	172	184	196	208	220	232	244	256	268	280	217	229	241	253	265	277	289	301	313	325	337	349
21	171	183	195	207	219	231	243	255	267	279	291	228	240	252	264	276	288	300	312	324	336	348	360
22	182	194	206	218	230	242	254	266	278	290	302	239	251	263	275	287	299	311	323	335	347	359	371
23	193	205	217	229	241	253	265	277	289	301	313	250	262	274	286	298	310	322	334	346	358	370	382
24	204	216	228	240	252	264	276	288	300	312	324	261	273	285	297	309	321	333	345	357	369	381	393
25	215	227	239	251	263	275	287	299	311	323	335	272	284	296	308	320	332	344	356	368	380	392	404
26	226	238	250	262	274	286	298	310	322	334	346	283	295	307	319	331	343	355	367	379	391	403	415
27	237	249	261	273	285	297	309	321	333	345	357	294	306	318	330	342	354	366	378	390	402	414	426
28	248	260	272	284	296	308	320	332	344	356	368	305	317	329	341	353	365	377	389	401	413	425	437
29	259	271	283	295	307	319	331	343	355	367	379	316	328	340	352	364	376	388	400	412	424	436	448
30	270	282	294	306	318	330	342	354	366	378	390	327	339	351	363	375	387	399	411	423	435	447	459
31	281	293	305	317	329	341	353	365	377	389	401	338	350	362	374	386	398	410	422	434	446	458	470
32	292	304	316	328	340	352	364	376	388	400	412	349	361	373	385	397	409	421	433	445	457	469	481
33	303	315	327	339	351	363	375	387	399	411	423	360	372	384	396	408	420	432	444	456	468	480	492
34	314	326	338	350	362	374	386	398	410	422	434	371	383	395	407	419	431	443	455	467	479	491	503
35	325	337	349	361	373	385	397	409	421	433	445	382	394	406	418	430	442	454	466	478	490	502	514
36	336	348	360	372	384	396	408	420	432	444	456	393	405	417	429	441	453	465	477	489	501	513	525
37	347	359	371	383	395	407	419	431	443	455	467	404	416	428	440	452	464	476	488	500	512	524	536
38	358	370	382	394	406	418	430	442	454	466	478	415	427	439	451	463	475	487	499	511	523	535	547
39	369	381	393	405	417	429	441	453	465	477	489	426	438	450	462	474	486	498	510	522	534	546	558
40	380	392	404	416	428	440	452	464	476	488	500	437	449	461	473	485	497	509	521	533	545	557	569
41	391	403	415	427	439	451	463	475	487	499	511	448	460	472	484	496	508	520	532	544	556	568	580
42	402	414	426	438	450	462	474	486	498	510	522	459	471	483	495	507	519	531	543	555	567	579	591
43	413	425	437	449	461	473	485	497	509	521	533	470	482	494	506	518	530	542	554	566	578	590	602
44	424	436	448	460	472	484	496	508	520	532	544	481	493	505	517	529	541	553	565	577	589	601	613
45	435	447	459	471	483	495	507	519	531	543	555	492	504	516	528	540	552	564	576	588	600	612	624
46	446	458	470	482	494	506	518	530	542	554	566	503	515	527	539	551	563	575	587	599	611	623	635
47	457	469	481	493	505	517	529	541	553	565	577	514	526	538	550	562	574	586	598	610	622	634	646
48	468	480	492	504	516	528	540	552	564	576	588	525	537	549	561	573	585	597	609	621	633	645	657
49	479	491	503	515	527	539	551	563	575	587	599	536	548	560	572	584	596	608	620	632	644	656	668
50	490	502	514	526	538	550	562	574	586	598	610	547	559	571	583	595	607	619	631	643	655	667	679
51	501	513	525	537	549	561	573	585	597	609	621	558	570	582	594	606	618	630	642	654	666	678	690
52	512	524	536	548	560	572	584	596	608	620	632	569	581	593	605	617	629	641	653	665	677	689	701
53	523	535	547	559	571	583	595	607	619	631	643	580	592	604	616	628	640	652	664	676	688	700	712
54	534	546	558	570	582	594	606	618	630	642	654	591	603	615	627	639	651	663	675	687	699	711	723
55	545	557	569	581	593	605	617	629	641	653	665	602	614	626	638	650	662	674	686	698	710	722	734
56	556	568	580	592	604	616	628	640	652	664	676	613	625	637	649	661	673	685	697	709	721	733	745
57	567	579	591	603	615	627	639	651	663	675	687	624	636	648	660	672	684	696	708	720	732	744	756
58	578	590	602	614	626	638	650	662	674	686	698	635	647	659	671	683	695	707	719	731	743	755	767
59	589	601	613	625	637	649	661	673	685	697	709	646	658	670	682	694	706	718	730	742	754	766	778
60	600	612	624	636	648	660	672	684	696	708	720	657	669	681	693	705	717	729	741	753	765	777	789

A Table of Houses for Latitude 51 d. 32 m.

R.	AN	XI	XII	Ac	III	IV	R.	A	X	XI	XII	Ac	III	IV
H.	M.	12	11	10	9	8	H.	M.	12	11	10	9	8	7
1	0	0	26	14	13	21	18	0	0	13	8	0	24	17
1	1	3	28	16	15	23	18	1	3	17	10	7	9	20
1	2	6	30	18	17	25	18	2	6	20	12	15	6	13
1	3	9	3	20	19	28	18	3	9	24	14	18	0	16
1	4	12	5	22	21	30	18	4	12	27	16	21	0	19
1	5	15	7	24	23	32	19	5	15	30	18	24	0	22
1	6	18	9	26	25	34	19	6	18	3	20	27	0	25
1	7	21	11	28	27	36	19	7	21	6	22	30	0	28
1	8	24	13	30	29	38	19	8	24	9	24	33	0	31
1	9	27	15	32	31	40	19	9	27	12	26	36	0	34
1	10	30	17	34	33	42	20	10	30	15	28	39	0	37
1	11	33	19	36	35	44	20	11	33	18	30	42	0	40
1	12	36	21	38	37	46	20	12	36	21	32	45	0	43
1	13	39	23	40	39	48	20	13	39	24	34	48	0	46
1	14	42	25	42	41	50	21	14	42	27	36	51	0	49
1	15	45	27	44	43	52	21	15	45	30	38	54	0	52
1	16	48	29	46	45	54	21	16	48	33	40	57	0	55
1	17	51	31	48	47	56	21	17	51	36	42	60	0	58
1	18	54	33	50	49	58	22	18	54	39	44	63	0	61
1	19	57	35	52	51	60	22	19	57	42	46	66	0	64
1	20	60	37	54	53	62	22	20	60	45	48	69	0	67
1	21	63	39	56	55	64	22	21	63	48	50	72	0	70
1	22	66	41	58	57	66	23	22	66	51	52	75	0	73
1	23	69	43	60	59	68	23	23	69	54	54	78	0	76
1	24	72	45	62	61	70	23	24	72	57	56	81	0	79
1	25	75	47	64	63	72	24	25	75	60	58	84	0	82
1	26	78	49	66	65	74	24	26	78	63	60	87	0	85
1	27	81	51	68	67	76	24	27	81	66	62	90	0	88
1	28	84	53	70	69	78	25	28	84	69	64	93	0	91
1	29	87	55	72	71	80	25	29	87	72	66	96	0	94
1	30	90	57	74	73	82	25	30	90	75	68	99	0	97
1	31	93	59	76	75	84	26	31	93	78	70	102	0	100
1	32	96	61	78	77	86	26	32	96	81	72	105	0	103
1	33	99	63	80	79	88	26	33	99	84	74	108	0	106
1	34	102	65	82	81	90	27	34	102	87	76	111	0	109
1	35	105	67	84	83	92	27	35	105	90	78	114	0	112
1	36	108	69	86	85	94	27	36	108	93	80	117	0	115
1	37	111	71	88	87	96	28	37	111	96	82	120	0	118
1	38	114	73	90	89	98	28	38	114	99	84	123	0	121
1	39	117	75	92	91	100	28	39	117	102	86	126	0	124
1	40	120	77	94	93	102	29	40	120	105	88	129	0	127
1	41	123	79	96	95	104	29	41	123	108	90	132	0	130
1	42	126	81	98	97	106	29	42	126	111	92	135	0	133
1	43	129	83	100	99	108	30	43	129	114	94	138	0	136
1	44	132	85	102	101	110	30	44	132	117	96	141	0	139
1	45	135	87	104	103	112	30	45	135	120	98	144	0	142
1	46	138	89	106	105	114	31	46	138	123	100	147	0	145
1	47	141	91	108	107	116	31	47	141	126	102	150	0	148
1	48	144	93	110	109	118	31	48	144	129	104	153	0	151
1	49	147	95	112	111	120	32	49	147	132	106	156	0	154
1	50	150	97	114	113	122	32	50	150	135	108	159	0	157
1	51	153	99	116	115	124	32	51	153	138	110	162	0	160
1	52	156	101	118	117	126	33	52	156	141	112	165	0	163
1	53	159	103	120	119	128	33	53	159	144	114	168	0	166
1	54	162	105	122	121	130	33	54	162	147	116	171	0	169
1	55	165	107	124	123	132	34	55	165	150	118	174	0	172
1	56	168	109	126	125	134	34	56	168	153	120	177	0	175
1	57	171	111	128	127	136	34	57	171	156	122	180	0	178
1	58	174	113	130	129	138	35	58	174	159	124	183	0	181
1	59	177	115	132	131	140	35	59	177	162	126	186	0	184
1	60	180	117	134	133	142	35	60	180	165	128	189	0	187
1	61	183	119	136	135	144	36	61	183	168	130	192	0	190
1	62	186	121	138	137	146	36	62	186	171	132	195	0	193
1	63	189	123	140	139	148	36	63	189	174	134	198	0	196
1	64	192	125	142	141	150	37	64	192	177	136	201	0	199
1	65	195	127	144	143	152	37	65	195	180	138	204	0	202
1	66	198	129	146	145	154	37	66	198	183	140	207	0	205
1	67	201	131	148	147	156	38	67	201	186	142	210	0	208
1	68	204	133	150	149	158	38	68	204	189	144	213	0	211
1	69	207	135	152	151	160	38	69	207	192	146	216	0	214
1	70	210	137	154	153	162	39	70	210	195	148	219	0	217
1	71	213	139	156	155	164	39	71	213	198	150	222	0	220
1	72	216	141	158	157	166	39	72	216	201	152	225	0	223
1	73	219	143	160	159	168	40	73	219	204	154	228	0	226
1	74	222	145	162	161	170	40	74	222	207	156	231	0	229
1	75	225	147	164	163	172	40	75	225	210	158	234	0	232
1	76	228	149	166	165	174	41	76	228	213	160	237	0	235
1	77	231	151	168	167	176	41	77	231	216	162	240	0	238
1	78	234	153	170	169	178	41	78	234	219	164	243	0	241
1	79	237	155	172	171	180	42	79	237	222	166	246	0	244
1	80	240	157	174	173	182	42	80	240	225	168	249	0	247
1	81	243	159	176	175	184	42	81	243	228	170	252	0	250
1	82	246	161	178	177	186	43	82	246	231	172	255	0	253
1	83	249	163	180	179	188	43	83	249	234	174	258	0	256
1	84	252	165	182	181	190	43	84	252	237	176	261	0	259
1	85	255	167	184	183	192	44	85	255	240	178	264	0	262
1	86	258	169	186	185	194	44	86	258	243	180	267	0	265
1	87	261	171	188	187	196	44	87	261	246	182	270	0	268
1	88	264	173	190	189	198	45	88	264	249	184	273	0	271
1	89	267	175	192	191	200	45	89	267	252	186	276	0	274
1	90	270	177	194	193	202	45	90	270	255	188	279	0	277
1	91	273	179	196	195	204	46	91	273	258	190	282	0	280
1	92	276	181	198	197	206	46	92	276	261	192	285	0	283
1	93	279	183	200	199	208	46	93	279	264	194	288	0	286
1	94	282	185	202	201	210	47	94	282	267	196	291	0	289
1	95	285	187	204	203	212	47	95	285	270	198	294	0	292
1	96	288	189	206	205	214	47	96	288	273	200	297	0	295
1	97	291	191	208	207	216	48	97	291	276	202	300	0	298
1	98	294	193	210	209	218	48	98	294	279	204	303	0	301
1	99	297	195	212	211	220	48	99	297	282	206	306	0	304
1	100	300	197	214	213	222	49	100	300	285	208	309	0	307

A Table of the exact time of High Water at New-
York, for the first six Months of this Year
1864, according to the Observation, of M. B. P.
deceased.

A
on
car
P.

A Table of the exact time of High Water at London for the first six Months of this Year, according to the Observations of Mr. P. Decided, nonavalis O and of gibbous 1801.

.bela33ob

D.	July	August	Septem.	Octob.	Novem.	Decem.
M.	M.	M.	M.	M.	M.	M.
1	14	14	14	14	14	14
2	15	15	15	15	15	15
3	16	16	16	16	16	16
4	17	17	17	17	17	17
5	18	18	18	18	18	18
6	19	19	19	19	19	19
7	20	20	20	20	20	20
8	21	21	21	21	21	21
9	22	22	22	22	22	22
10	23	23	23	23	23	23
11	24	24	24	24	24	24
12	25	25	25	25	25	25
13	26	26	26	26	26	26
14	27	27	27	27	27	27
15	28	28	28	28	28	28
16	29	29	29	29	29	29
17	30	30	30	30	30	30
18	31	31	31	31	31	31
19	1	1	1	1	1	1
20	2	2	2	2	2	2
21	3	3	3	3	3	3
22	4	4	4	4	4	4
23	5	5	5	5	5	5
24	6	6	6	6	6	6
25	7	7	7	7	7	7
26	8	8	8	8	8	8
27	9	9	9	9	9	9
28	10	10	10	10	10	10
29	11	11	11	11	11	11
30	12	12	12	12	12	12
31	13	13	13	13	13	13
32	14	14	14	14	14	14
33	15	15	15	15	15	15
34	16	16	16	16	16	16
35	17	17	17	17	17	17
36	18	18	18	18	18	18
37	19	19	19	19	19	19
38	20	20	20	20	20	20
39	21	21	21	21	21	21
40	22	22	22	22	22	22
41	23	23	23	23	23	23
42	24	24	24	24	24	24
43	25	25	25	25	25	25
44	26	26	26	26	26	26
45	27	27	27	27	27	27
46	28	28	28	28	28	28
47	29	29	29	29	29	29
48	30	30	30	30	30	30
49	31	31	31	31	31	31
50	1	1	1	1	1	1
51	2	2	2	2	2	2
52	3	3	3	3	3	3
53	4	4	4	4	4	4
54	5	5	5	5	5	5
55	6	6	6	6	6	6
56	7	7	7	7	7	7
57	8	8	8	8	8	8
58	9	9	9	9	9	9
59	10	10	10	10	10	10
60	11	11	11	11	11	11
61	12	12	12	12	12	12
62	13	13	13	13	13	13
63	14	14	14	14	14	14
64	15	15	15	15	15	15
65	16	16	16	16	16	16
66	17	17	17	17	17	17
67	18	18	18	18	18	18
68	19	19	19	19	19	19
69	20	20	20	20	20	20
70	21	21	21	21	21	21
71	22	22	22	22	22	22
72	23	23	23	23	23	23
73	24	24	24	24	24	24
74	25	25	25	25	25	25
75	26	26	26	26	26	26
76	27	27	27	27	27	27
77	28	28	28	28	28	28
78	29	29	29	29	29	29
79	30	30	30	30	30	30
80	31	31	31	31	31	31
81	1	1	1	1	1	1
82	2	2	2	2	2	2
83	3	3	3	3	3	3
84	4	4	4	4	4	4
85	5	5	5	5	5	5
86	6	6	6	6	6	6
87	7	7	7	7	7	7
88	8	8	8	8	8	8
89	9	9	9	9	9	9
90	10	10	10	10	10	10
91	11	11	11	11	11	11
92	12	12	12	12	12	12
93	13	13	13	13	13	13
94	14	14	14	14	14	14
95	15	15	15	15	15	15
96	16	16	16	16	16	16
97	17	17	17	17	17	17
98	18	18	18	18	18	18
99	19	19	19	19	19	19
100	20	20	20	20	20	20

Here note, that in this last Table are the times of each High-Water next following the Moon's Southing for every day; and for the other High-Tides the just middle times between those in the Table are to be taken.

As on the first day of January this year, the said Table shows the time of High-Water at 8 h. 32 m. in the morning, the difference between which and 10 h. 6 m. for the next following morning, is 1 h. 8 m. the half whereof viz. 34 m. added to the first found 8 h. 32 m. the sum is 9 h. 32 m. the time of High-Water on the said first of January at Night.

Touching my farther Progress in the Work of my intended large Astronomical Tables, the Obstacle is no other, then my being as yet necessitated to labour upon other things for a present livelyhood: Nor do I expect any more Subscribers, but with thankful acknowledgments to those that already are, God willing, if the times mend (of which I am not altogether out of hopes) I shall with all possible diligence go on with the said work.

And now, a little to cross our Crosses, Christmas and the New Year approaching,

While Gallies Game, Shuffle and Cut, and Dice
On Cards and Dice, thus we will Versify.
Black is the day, Bloody the Field, my friend,
Where Black and Red for Victory contend:
Brave Hearts, invincible, all armed round
With Diamond fortitude, maintain your ground.
Though Hell's Club-Law would Heavens powers invade,
Truth still is Truth: a Spade is but a Spade.
While Dead Bones tumble, White and Black desert
Mourning: to form a fatal Tragedy!
Who coveting anothers Wealth, his own
Hath wholly lost, pitie desert none:
False Glib Gain, Conscience Corrupt and Vile,
Do Men of all True Happiness beguile!
Let well then to your ways: Your Time well spent,
Good actions you shall never need repent.

Farthest Houle up the Steps in Poppinge Court, Fleetstreet.
Octob. 15. 1683. T. S.